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MOUNT ARBOR Nurseries

E. S. Welch
President

SHENANDOAH
IOWA



1875 = = = 1940

Wholesale Bulletin No. 3

WITH
GRADE COUNTS

APRIL 13, 1940

Complete
Assortment

Prompt Service
With
High Quality

SPECIAL
QUOTATIONS
ON
QUANTITY LOTS

"One of America's
Foremost Nurseries"

Phones 384-385
Wire Western Union

HEIGHT AND CALIPER—Height given of fruit trees is approximate and represents average height of most varieties. Some slow growing kinds may fall short of height specified as it is intended that THE CALIPER SHALL GOVERN.

All Fruit Trees are tied 11-16 and 9-16, 10; 7-16 and 5-16, 20 per bundle.

APPLES			Per 10	Per 100	Per 1000
First Class, 11-16 to 1-inch, 4½ feet and up.....			\$2.40	\$21.00	\$180.00
" " 9-16 to 11-16, 4 feet and up.....			2.00	16.00	140.00
" " 7-16 to 9-16, 3 feet and up.....			1.50	13.00	110.00
" " 5-16 to 7-16, 2 feet and up.....			1.10	9.00	80.00
" " ¾ to 1 inch, 5 feet and up.....			2.60	22.50	.....
" " 1-inch and up, 5 feet and up.....			2.90	25.00	.....

(Write for special prices on quantity lots.)

	11-16	9-16	7-16	5-16	7-8	1 inch
*Anoka	1290	500	....	....	120	....
*Baldwin	970	190	30	....	....	75
*Banana	650	400	90	20	110	....
Beauty Crab	220	130	30	....	10	....
*Ben Davis	120	80	10	....	....	60
Benoni .....	....	60	....	....	....	....
Brand's Red Winter	20	....	....	....	....	....
*Cortland	650	340	....	....	190	....
Cox Orange	50	110	80	70	....	....
*Delicious	1640	920	290	....	80	190
*Delicious Dark Red.....	1360	870	160	....	170	300
*Delicious Yellow	1970	300	....	....	25	250
*Duchess	1760	1140	110	....	270	50
*Duchess Red	100	560	70	....	....	....
*Early Harvest	100	....	....	....	120	....
*Fameuse	500	400	60	....	60	300
Florence Crab	200	160	90	....	10	....
*Forest Winter	30	140	45	....	....	....
Gano	540	90	....	....	110	90
*Golden Russet	670	400	120	140	....	....
Golden Winesap	280	140	60	30	....	....
Gravenstein Red .....	....	120	40	....	....	....
*Grimes Golden	1790	1000	110	....	30	300
Haas	220	140	30	10	....	....
*Haralson	1140	980	150	....	400	....
*Hawkeye Greening	150	90	60	....	10	....
*Hyslop Crab	100	240	230	....	14	....
*Ingram	400	110	60	40	200	....
Janet	380	140	40	....	....	50
*Joan	300	120	....	....	30	140
*Jonathan	1960	2470	450	....	....	40
*Jonathan Double Red.....	200	1360	360	....	....	....
*Kendall	140	30	....	....	....	....
King David	240	150	60	10	....	....
Liveland	120	180	60	60	....	....
Lowry	440	200	100	20	....	....
Macoun	140	150	90	....	....	....
Maiden Blush	375	300	150	....	....	100
Malinda	400	200	150	190	....	....
Mam. Black Twig.....	890	300	60	....	....	200
*McIntosh	1190	190	100	490	300	150
*McIntosh, Black Mickey.....	1770	300	90	140	240	....
*McIntosh Early	300	270	....	....	....	320
*Milton	250	160	40	....	30	....
Monona	130	80	40	10	....	....
*Northern Spy	360	210	140	10	140	80
*Northern Spy Red	1240	490	60	20	180	160
N. W. Greening	780	360	90	40	....	290
*Pattens Greening	50	20	....	....	15	....
*Perkins	560	250	50	....	....	....
*Pewaukee	15	10	....	....	10	....
*Ramsdell Sweet	25	95	200	95	....	....
*Red Astrachan	800	500	230	....	....	....
Red Canada	80	25	20	....	....	....
*Red June	380	110	60	....	....	150
Red Siberian Crab.....	480	100	40	10	....	....
*R. I. Greening.....	600	200	90	....	50	50
Romanstem	190	90	40	....	....	20
*Rome Beauty	700	400	90	....	100	....
*Rome Beauty Red.....	940	200	....	70	310	....
*St. Lawrence	300	145	90	40	....	....
Salome	360	150	40	45	....	50
*Sharon	740	290	100	....	320	20
*Stayman Red	60	....	....	....	....	30

APPLES—Continued

	11-16	9-16	7-16	5-16	7-8	1 inch
*Stayman Winesap	790	670	190	....	85	300
Sweet Bough	20	80	....	10	....	20
*Sweet Russet Crab	400	490	160	60	....	13
Tetofski	190	280	260	....	....	....
*Tolman Sweet	370	270	90	25	50	120
Transcendent Crab	300	50	20	....	19	....
Turley	600	290	110	....	....	250
Twenty Oz. Pippin.....	60	70	40	15	....	....
*Wagener	155	170	100	50	50	....
*Wealthy	540	490	....	....	100	300
Wedge	310	80	20	15	....	....
*White Astrachan	36	15	6	7	....	....
*Whitney Crab	410	770	690	100	270	20
Willow Twig	220	50	20	15	....	....
*Windsor Chief .....	....	148	60	15	....	....
*Winesap	350	90	....	....	120	....
*Wolf River	120	....	....	....	....	....
Yellow Belleflower	100	40	10	....	....	....
Yellow Siberian Crab.....	200	40	20	....	....	....
*Yellow Transparent	800	500	290	....	190	540
York Imperial	700	440	120	....	....	....

Varieties starred () can be furnished in budded trees.

APPLES—Special Varieties

	Per 10	Per 100	Per 1000
First Class, 11-16 to 1-inch, 4½ feet and up.....	\$2.90	\$25.00	\$
“ “ 9-16 to 11-16, 4 feet and up.....	2.40	20.00	....
“ “ 7-16 to 9-16, 3 feet and up.....	1.80	15.00	....
“ “ 5-16 to 7-16, 2 feet and up.....	1.20	10.00	....
“ “ 7-8 to 1 inch, 5 feet and up.....	3.50	....	....

	11-16	9-16	7-16	5-16	7-8
*Beacon .....	....	340	140	35	....
*Dolgo	190	300	860	530	....
Goldo	10	....	....	....	20
*Lobo .....	....	45	....	....	....
McIntosh Sweet	40	15	....	....	....
*Melba .....	....	40	30	10	10
*Minnesota No. 700.....	60	30	25	....	....
*Minnesota No. 790.....	90	30	....	....	....
*Newfane	170	150	60	15	....
Orleans	20	100	50	....	....
*Secor	160	90	....	....	14
Virginia Crab	710	890	940	390	....

Varieties starred () can be furnished in budded trees.

CHERRIES—Sour—On Mahaleb

	Per 10	Per 100	Per 1000
Two Years, 11-16 to 1-inch, 4 feet and up.....	\$2.60	\$22.50	\$200.00
“ “ 9-16 to 11-16, 3½ feet and up.....	2.25	19.00	160.00
“ “ 7-16 to 9-16, 3 feet and up.....	1.70	14.00	120.00
“ “ 1-inch, 5 feet and up.....	2.90	25.00	....

	11-16	9-16	7-16	1 inch
Two years, Branched				
Early Richmond	190	690	....	170
English Morello .....	....	220	....	....
May Duke	30	....	....	....
Montmorency Large .....	....	1490	600	220
*Montmorency Large, on Mazzard.....	200	330	420	....
Ostheim	120	140	30	....
Royal Duke	100	50	....	....
Wragg .....	....	80	....	....

Variety () 2c higher per grade.

	Per 10	Per 100	Per 1000
One Year, 11-16 and up, 3½ feet and up.....	\$2.60	\$22.50	\$200.00
“ “ 9-16 to 11-16, 3 feet and up	2.25	19.00	160.00
“ “ 7-16 to 9-16, 2½ feet and up	1.70	14.00	120.00
“ “ 5-16 to 7-16, 2 feet and up.....	1.20	10.00	....

	11-16	9-16	7-16	5-16
One Year Branched				
Early Richmond	920	620	490	....
English Morello .....	....	160	....	....
Montmorency Large	790	2180	790	160
Royal Duke	90	165	....	....
Wragg .....	....	70	90	....

CHERRIES—Sweet						
			Per 10	Per 100	Per 1000	
11-16 to 1-inch, 4½ feet and up, branched.....			\$3.80	\$33.00	\$300.00	
9-16 to 11-16, 4 feet and up, branched.....			3.30	30.00	270.00	
9-16 to 11-16, 4 feet and up, whips.....			2.90	25.00	.....
7-16 to 9-16, 3 feet and up, whips and branched.....			2.50	22.00	.....
5-16 to 7-16, 2½ feet and up, whips.....			2.10	18.00	.....
1 inch and up, 5 feet and up, branched.....			4.00	35.00	.....
One and Two Year on Mahaleb	Branched 11-16	Branched 9-16	whips 9-16	whips 7-16	whips 5-16	Branched 1 inch
*Bing .....	.....	.....	.....	170	400	.....
*Black Tartarian	540	360	.....	130	90	60
Giant	17	5	.....	.....	.....	.....
*Gov. Wood	180	40	.....	120	20	35
*Lambert	490	100	.....	30	25	95
*Napoleon	120	540	.....	260	200	130
*Schmidts Big	110	130	150	50	50	60
Seneca	88	15	26	20	.....	.....
*Windsor	490	100	20	200	40	80
Yellow Glass	740	550	180	90	.....	.....
*Yellow Spanish	300	90	.....	80	.....	.....
Varieties () can be furnished on Mazzard Roots.						

PLUM						
			Per 10	Per 100	Per 1000	
Two Years, 11-16 and up, 4½ feet and up.....			\$3.50	\$30.00	\$.....	
“ “ 9-16 to 11-16, 4 feet and up.....			2.90	25.00	.....
“ “ 7-16 to 9-16, 3 feet and up.....			2.40	20.00	.....
“ “ 5-16 to 7-16, 2 feet and up.....			1.90	16.00	.....
“ “ 1 inch and up, 5 feet and up.....			4.00	35.00	.....

EUROPEAN, Two Years, on Myrobolan						
	11-16	9-16	7-16	5-16	1 inch	
*Blue Damson .....	.....	.....	100	200	.....
Bradshaw	300	110	.....	17	5	
German Prune	90	120	150	.....	17	
Grand Duke	185	40	.....	.....	90	
Imperial Gage	67	10	.....	.....	55	
Italian Prune	150	200	600	.....	60	
Lombard	200	100	100	100	160	
Shippers Pride	10	50	50	20	.....
*Shrop Damson .....	.....	.....	200	510	.....
*Stanley Prune .....	.....	70	200	.....	.....
Varieties () 5c higher on each grade.						

JAPAN, One and Two Years, on Myrobolan.						
	11-16	9-16	7-16	5-16	1 inch	
Abundance	80	90	.....	80	20	
Burbank .....	.....	.....	70	.....	.....

PLUM						
			Per 10	Per 100	Per 1000	
11-16 and up, 4½ feet and up.....			\$2.40	\$21.00	\$180.00	
9-16 to 11-16, 4 feet and up.....			2.10	18.00	150.00	
7-16 to 9-16, 3½ feet and up.....			1.80	15.00	120.00	
5-16 to 7-16, 2½ feet and up.....			1.40	12.00	100.00	
1-inch, 5 feet and up.....			2.90	25.00	.....

AMERICAN AND HARDY HYBRIDS, One and Two Years, on Native Roots						
	11-16	9-16	7-16	5-16	1 inch	
Compass	380	700	590	.....	22	
De Soto .....	.....	.....	65	70	.....
Elliott .....	.....	90	70	.....	.....
Ember (Minnesota No. 83).....	140	220	120	.....	.....
Fiebing	75	110	50	40	.....
Golden Rod	70	210	70	150	.....
Hanska	60	280	140	220	.....
Kahinta	520	150	220	100	.....
LaCrescent	270	100	.....	330	.....
Loring Prize	130	100	50	.....	100	
Minnesota No. 218 (on Peach Roots).....	.....	.....	50	150	.....
Minnesota No. 17 (on Peach Roots).....	.....	5	35	120	.....
Monitor	240	300	190	100	.....
Omaha	540	510	70	110	.....
Opata	590	700	150	40	110	
Sapa	300	490	50	.....	40	
Terry's DeSoto	150	590	200	40	10	
Toka	300	200	.....	70	100	
Tonka	40	.....	.....	.....	.....
Underwood	200	600	300	160	30	
Waneta	300	600	500	180	80	
Wild Goose .....	.....	20	95	300	.....

PEAR—Standard

		Per 10	Per 100	Per 1000
Two Years, 11-16 and up, 4½ feet and up		\$2.60	\$22.50	\$200.00
" " 9-16 to 11-16, 4 feet and up		2.25	19.00	160.00
" " 7-16 to 9-16, 3 feet and up		1.70	14.00	120.00
" " 5-16 to 7-16, 2 feet and up		1.20	10.00	.....
	11-16	9-16	7-16	5-16
Bartlett	690	900	980	250
B. de Anjou.....	80	200	70	....
Beurre Bosc	530	100	100	40
Bierschmidt	74	200	130	65
Clapps Favorite	200	420	120	20
Duchess	170	70	200	....
Flemish Beauty	70	490	250	110
Garber	170	....	....	....
Kieffer	710	1390	700	120
Le Conte	5	37	80	20
Lincoln	200	....	....	....
Mendel	60	850	220	140
Parker .....	....	140	40	20
Patten .....	....	120	....	....
Seckel	120	200	560	450
Sheldon	200	60	15	....
Vermont Beauty	120	50	....	....
Winter Nellis	50	370	80	40
Minnesota No. 3, a small pear reported to be immune from blight and ripening early in the season. Very hardy.				

PEAR—Dwarf

		Per 10	Per 100	Per 1000
Two Years, ⅝ and up,		\$2.60	\$22.50	\$200.00
" " ½ to ⅝		2.10	18.00	150.00
" " ⅜ to ½		1.40	12.00	.....
" " ⅞ inch		2.90	25.00	.....
One Year, ½ to ⅝, whips		1.20	10.00	.....
" " ⅜ to ½, whips .....		.85	7.50	.....
	5-8	1-2	3-8	7-8
Bartlett	900	790	190	160
Clapps Favorite	15	55	40	....
Duchess	320	90	40	110
Flemish Beauty	435	65	50	87
Kieffer	1190	450	40	210
Seckel	90	200	....	50
				whips
				1-2
				3-8
Bartlett				25
Clapps Favorite .....				....
Duchess				51
Flemish Beauty .....				....
Kieffer .....				....
Seckel				250

APRICOTS

		Per 10	Per 100	Per 1000
One Year, 7-16 to 9-16, 3 feet and up.....		\$2.10	\$18.00	\$
" " 5-16 to 7-16, 2 feet and up.....		1.40	12.00	.....
			7-16	5-16
Budd			70	100
Chinese			100	130
Moorpark			90	100
Royal			70	40
Superb			90	40
Wenatchee			110	100

PEACH

		Per 10	Per 100	Per 1000
One Year, 11-16 and up, 4 feet and up.....		\$1.90	\$16.00	\$
" " 9-16 to 11-16, 3½ feet and up.....		1.80	15.00	130.00
" " 7-16 to 9-16, 3 feet and up.....		1.40	12.00	100.00
" " 5-16 to 7-16, 2 feet and up.....		.95	8.00	70.00
	11-16	9-16	7-16	5-16
Belle of Georgia.....	20	100	600	40
Carman .....	....	100	....	40
Champion	250	....	730	....
Crawford's Early	30	100	340	80
Crawford's Late	70	50	....	400
Crosby .....	....	20	215	200
Early Elberta	190	700	200	....
Early Wheeler .....	....	100	80	....
Elberta	480	2490	1400	2400
Elberta Cling .....	....	....	250	450
Fitzgerald	80	140	120	90
Gold Drop .....	....	50	....	....
Golden Jubilee .....	....	....	2450	1100
Halehaven	160	1740	2550	3490
Heath Cling .....	....	....	120	100
J. H. Hale.....	....	....	1050	1400
Krummel's Late	90	20	60	30
Mayflower	50	....	300	300
Rochester .....	....	....	540	760
Salberta	120	150	290	700
Salway Improved .....	....	80	....	560
South Haven	200	80	1670	2780

PEACH—Special Varieties				Per 10	Per 100	Per 1000	
One Year, 11-16 and up, 4 feet and up.....				\$2.00	\$17.00	\$	
"	"	9-16 to 11-16, 3½ feet and up.....		1.80	15.00	.....
"	"	7-16 to 9-16, 3 feet and up.....		1.40	12.00	.....
"	"	5-16 to 7-16, 2 feet and up.....		1.10	9.00	.....
"	"	2 to 3, under 5-16.....		.80	7.00	.....
"	"	18 to 24 inch.....		.60	5.00	.....
		11-16	9-16	7-16	5-16	2-3 ft.	18-24 in.
Cumberland		10	55	260	60	40	....
Delicious		50	125	200	90	40	....
Eclipse		48	120	180	120	40	....
Marquette		100	150	120	20	....
Oriole		10	....	270	495	80	....
Othelle		13	25	160	40	....
Shippers Late Red		100	120	140	70	15	....
Vallant		120	10	440	280	80
Vedette		14	4	170	360	100	40

NECTARINES					Per 10	Per 100	Per 1000	
One year, 11-16 and up, 4 feet and up.....					\$4.00	\$35.00	\$	
" " 9-16 to 11-16, 3½ feet and up.....					3.30	30.00	.....
" " 7-16 to 9-16, 3 feet and up.....					2.50	22.00	.....
" " 5-16 to 7-16, 2 feet and up.....					1.90	16.00	.....
					11-16	9-16	7-16	5-16
Gold Mine					50	15	100	55
Quetta	15	40	17

QUINCE			Per 10	Per 100	Per 1000
5/8 and up.....			\$4.00	\$35.00	\$320.00
1/2 to 5/8.....			2.90	25.00	.....
3/8 to 1/2.....			2.10	18.00	.....
1/2 to 5/8, whips.....			1.80	15.00	.....
3/8 to 1/2, whips.....			1.20	10.00	.....
				whips	whips
	5-8	1-2	3-8	1-2	3-8
Champion	130	45	15	....	....
Orange	300	90	20	275	180

MULBERRY					Per 10	Per 100	Per 1000
110 Russian, 8 to 10 feet, branched.....					\$5.00	\$	\$
410 " 6 to 8 feet, branched.....					4.00	35.00	.....
215 " 5 to 6 feet, branched.....					2.40	20.00	.....
90 " 4 to 5 feet, branched.....					1.80	15.00	.....
55 " 3 to 4 feet, branched.....					1.20	10.00	.....

SMALL FRUITS

GRAPE VINES—Western New York Grown						
Tied, 2 year, 50; No. 2, 100 per bundle.					Per 100	Per 1000
700	Agawam (Roger's 15) large red, 2 years, No. 1.....				\$ 5.60	\$50.00
2800	" " " " 2 years, No. 2.....				4.00	35.00
650	Beta, black, 2 years, No. 1.....				5.60	50.00
1200	" " 2 years, No. 2.....				4.00	35.00
520	Brighton, dark red, 2 years, No. 1.....				6.50	55.00
200	" " 2 years, No. 2.....				4.50	40.00
200	Caco, red, 2 years, No. 1.....				10.50	90.00
200	" " 2 years, No. 2.....				7.50	65.00
250	Campbell's Early, choice black, 2 years, No. 1.....				5.60	50.00
900	" " 2 years, No. 2.....				4.00	35.00
100	Catawba, red, 2 years, No. 1.....				5.60	50.00
100	" " 2 years, No. 2.....				4.00	35.00
4200	Concord, black, 2 years, No. 1.....				4.00	35.00
5500	" " 2 years, No. 2.....				2.60	22.00
1000	" " 1 year, No. 2.....				1.70	14.00
400	Delaware, red, 2 years, No. 1.....				6.50	55.00
1400	" " 2 years, No. 2.....				4.50	40.00
500	Diamond, white, 2 years, No. 1.....				5.60	50.00
100	" " 2 years, No. 2.....				4.00	35.00
1000	Fredonia, new, early, black, valuable, 2 years, No. 1.....				7.00	60.00
3200	" " 2 years, No. 2.....				5.00	45.00
600	Golden Muscat, hardy, productive, large golden, 2 years, No. 2.....				16.00	.....
350	Lucille, 2 years, No. 2.....				4.00	.....
3000	Moore's Early, black, 2 years, No. 1.....				6.50	55.00
2000	" " 2 years, No. 2.....				4.50	40.00
500	Niagara, white, 2 years, No. 1.....				5.60	50.00
1000	" " 2 years, No. 2.....				4.00	35.00
500	Portland, white, 2 years, No. 1.....				7.00	60.00
1200	" " 2 years, No. 2.....				5.00	45.00
1200	Worden, black, 2 years, No. 1.....				5.60	50.00
2000	" " 2 years, No. 2.....				4.00	35.00

SMALL FRUITS—Continued
CURREANTS

		Tied, No. 1, 25; No. 2, 50 per bundle.		Per 100	Per 1000
400	Cherry, dark red, 2 years, No. 1.....			\$ 5.60	\$50.00
400	" " " 2 years, No. 2.....			4.00	35.00
510	Diploma, light red, 2 years, No. 1.....			5.60	50.00
540	" " " 2 years, No. 2.....			4.00	35.00
400	Fay's Prolific, dark red, 2 years, No. 2.....			4.00	35.00
600	London Market, dark red, 2 years, No. 1.....			5.60	50.00
240	" " " 2 years, No. 2.....			4.00	35.00
300	Perfection, bright red, 2 years, No. 1.....			7.00	60.00
1500	" " " 2 years, No. 2.....			4.50	40.00
1600	" " " 1 year, No. 2.....			3.00	25.00
840	Red Cross, bright red, 2 years, No. 1.....			5.00	45.00
1200	" " " 2 years, No. 2.....			3.50	30.00

450	Red Lake, light red, 2 years, No. 1.....	12.00	...
1200	" " " 2 years, No. 2.....	8.00	...

100	White Grape, white, 2 years, No. 1.....	7.00	60.00
450	" " " 2 years, No. 2.....	4.50	40.00
480	Wilder, dark red, 2 years, No. 1.....	5.00	45.00
1240	" " " 2 years, No. 2.....	3.50	30.00

GOOSEBERRIES

		Tied, No. 2, 25 per bundle		Per 100	Per 1000
100	Carrie, purplish-red, 2 years, No. 2.....			\$ 6.00	\$
300	" " " 1 year, No. 2.....			4.00	....
310	Champion, green, 2 years, No. 1.....			8.00	....
450	" " " 2 years, No. 2.....			6.50	....
900	" " " 1 year, No. 2.....			4.00	....
300	Glendale, reddish-purple, 2 years, No. 2.....			5.50	....
300	" " " 1 year, No. 2.....			4.00	....
400	Josselyn, reddish green, 2 years, No. 1.....			9.00	....

RASPBERRIES

		Tied 25 per bundle.		Per 100	Per 1000
3900	Chief, red, suckers, No. 1.....			\$ 2.10	\$18.00
1500	" " " No. 2.....			1.40	12.00
2000	Columbian, purple, tips.....			2.10	18.00
1200	" " " transplants, No. 1.....			3.20	28.00
500	" " " " No. 2.....			2.10	18.00
7000	Cumberland, black, tips.....			1.90	16.00
1900	" " " transplants, No. 1.....			2.90	25.00
1100	Cuthbert, red, suckers, No. 1.....			2.10	18.00
2200	Flaming Giant, red, suckers, No. 1.....			1.90	16.00
1200	Golden Queen, yellow, suckers, No. 1.....			3.50	30.00
2700	Indian Summer, red, suckers, No. 1.....			2.40	20.00
4700	Latham, red, suckers, No. 1.....			2.10	18.00
5000	" " " No. 2.....			1.40	12.00
4000	Newburg, red, suckers, No. 1.....			1.90	16.00
4000	" " " No. 2.....			1.30	11.00
1000	New Logan, black, tips.....			2.10	18.00
3100	Sodus, purple, transplants, No. 1.....			2.90	25.00

BLACKBERRIES—Root Cutting Plants, No. 1

		Tied 25 per bundle.			
		Per 100	Per 1000		Per 100 Per 1000
800	Blowers	\$2.10	\$18.00	4200	Eldorado ... \$1.90 \$16.00
2000	Ea. Harvest.	1.90	16.00	1000	Iceberg 2.10 18.00

BLACKBERRIES—Root Cutting Plants, No. 2

		Tied, 25 per bundle					
		Per 100	Per 1000				
3000	Ea. Harvest.	\$1.20	\$10.00	2200	Eldorado	\$1.20	\$10.00

MISCELLANEOUS BERRIES

				Per 100	Per 1000
20000	Boysenberry, tip plants, No. 1.....			\$ 4.50	\$40.00
3000	Lucretia Dewberries, tip plants, No. 1.....			1.70	14.00
3000	" " " R. C. plants, No. 1.....			2.10	18.00
3000	" " " R. C. plants, No. 2.....			1.40	12.00
14000	Youngberry, tip plants, No. 1.....			2.40	20.00
1500	" " " R. C. plants.....			4.00	35.00

STRAWBERRIES

	Per 100	Per 1000		Per 100	Per 1000
Beaver	\$0.40	\$3.50	Fairfax	\$0.40	\$3.50
Bellmar .....	.40	3.50	Premier .....	.45	4.00
Blakemore .....	.35	3.00	Senator Dunlap.	.35	3.00
Dorsett .....	.40	3.50	Welch's Late ..	.45	4.00
Gem, EVERBEARING .....				.70	6.00
Mastodon, EVERBEARING .....				.80	7.00
Wayzata, EVERBEARING				2.40	20.00

MISCELLANEOUS					Per 100	Per 1000
27000	Asparagus, Mary Washington, 1 year.....				\$ 0.60	\$ 5.00
31000	" " " 2 year.....				.90	8.00
8000	Horseradish, Cuttings				1.20	10.00
2000	" " Crowns				3.50	30.00
2900	Rhubarb, Victoria, whole roots, $\frac{3}{8}$ to $\frac{1}{2}$ -inch.....				1.20	10.00
2000	" " " " $\frac{1}{2}$ to $\frac{5}{8}$ -inch.....				1.70	14.00
1500	" " " " $\frac{5}{8}$ to 1-inch.....				2.10	18.00
2000	" " " " 1 to 1 $\frac{1}{2}$ -inch.....				2.80	24.00
800	" " " " 1 $\frac{1}{2}$ -inch and up.....				3.50	30.00
300	" " " " 2 $\frac{1}{2}$ -inch and up, heavy...				4.50	.....

	Per 10	Per 100
Rhubarb, McDonald, grown from divisions.....	\$ 2.10	\$18.00
Rhubarb, Ruby Red, grown from divisions.....	2.40	20.00

FRUIT TREE STOCKS—American Grown

APPLE SEEDLINGS—Washington Grown		Per 100	Per 1000
12000	Extra heavy, 3-8 inch and up, Branched.....	\$ 2.10	\$18.00
12000	$\frac{1}{4}$ inch and up, Branched.....	1.90	16.00
9000	No. 1, 3-16 and up, Branched, strong	1.70	14.00
2900	No. 1, 3-16 and up, Straight, strong.....	1.40	12.00
10000	Special or Stub Grade, 3-16 and up, strong.....	.90	8.00
14000	No. 2, 2-16 to 3-16, Branched, strong .....	.90	8.00
6000	No. 2, 2-16 to 3-16, Straight, strong.....	.90	8.00
17500	No. 3, about 2-16 .....	.45	4.00

CHERRY MAHALEB—Washington Grown

Our Mahaleb are thoroughly ripened and were not dug until all leaves were off. Are exceptionally fine, smooth stocks that should give entire satisfaction. Will be glad to send samples for trial.

39000	$\frac{1}{4}$ -inch and up.....	1.70	14.00
30000	No. 1, 3-16 and up.....	1.40	12.00
19000	No. 2, 2-16 to 3-16.....	1.00	9.00
4000	No. 3, about 2-16.....	.70	6.00

CHERRY MAZZARD—Washington Grown

3000	$\frac{1}{4}$ inch and up.....	1.70	14.00
10000	No. 2, 2-16 to 3-16	1.00	9.00

PEACH SEEDLINGS—Shenandoah Grown

7000	$\frac{1}{4}$ -inch and up.....	1.80	15.00
5000	No. 1, 3-16 and up.....	1.40	12.00

PEAR SEEDLINGS—Washington Grown

Bartlett

7900	$\frac{1}{4}$ inch and up, Branched.....	1.90	16.00
1800	No. 1, 3-16 and up, Branched.....	1.70	14.00
2000	No. 1, 3-16 and up, Straight	1.40	12.00
2200	No. 2, 2-16 to 3-16, Branched	1.20	10.00
3000	No. 3, about 2-16 .....	.60	5.00

French

6000	$\frac{1}{4}$ -inch, Branched	1.90	16.00
1000	No. 1, 3-16 and up.....	1.70	14.00

PLUM MYROBOLAN—Washington Grown

1500	$\frac{1}{4}$ inch and up.....	1.90	16.00
9000	No. 2, 2-16 to 3-16.....	1.20	10.00

PLUM NATIVE—Shenandoah Grown

6000	$\frac{1}{4}$ -inch and up	2.60	22.00
2000	No. 1, 3-16 inch and up.....	2.10	18.00
4000	No. 3, about 2-16.....	1.20	10.00

DECIDUOUS TREES and ORNAMENTAL SEEDLINGS

Our seedlings are graded not only by height but particular attention is given to caliper, which insures a strong grade.

Tied 3-4 ft. and up, 25; 2-3 ft., 50; 18-24 and smaller, 100 per bundle.

ASH, GREEN, <i>Fraxinus lanceolata</i>		Per 100	Per 1000
10000	6 to 12 inches.....	\$ 0.30	\$ 2.50
17000	12 to 18 inches.....	.60	5.00
12000	18 to 24 inches.....	.80	7.00
18000	2 to 3 feet.....	1.00	9.00
3000	3 to 4 feet.....	1.50	12.50
300	4 to 5 feet.....	2.50	.....

DECIDUOUS TREES and ORNAMENTAL SEEDLINGS—Continued
ASH, WHITE, *Fraxinus americana*

		Per 100	Per 1000
6000	6 to 12 inches.....	\$ 0.40	\$ 3.50
6000	12 to 18 inches.....	.60	5.00
7000	18 to 24 inches.....	.85	7.50
12000	2 to 3 feet.....	1.20	10.00
3000	3 to 4 feet.....	1.70	14.00
250	4 to 5 feet.....	2.50	.....

BOX ELDER, *Acer negundo*

1200	6 to 12 inches.....	.30	2.50
2700	12 to 18 inches.....	.60	5.00
1000	18 to 24 inches.....	.80	7.00
4000	2 to 3 feet.....	1.20	10.00
2000	3 to 4 feet.....	1.80	15.00
300	4 to 5 feet.....	2.40	20.00

BUCKTHORN, Common, *Rhamnus cathartica*

1200	6 to 12 inches.....	.80	7.00
2000	12 to 18 inches.....	1.20	10.00
7000	18 to 24 inches.....	1.80	15.00
9000	2 to 3 feet.....	2.60	22.00
800	3 to 4 feet, heavy cut-backs.....	4.00	....

CARAGANA, *arborescens*, Siberian Pea-tree

12000	6 to 12 inches.....	.70	6.00
4000	12 to 18 inches.....	.90	8.00
4000	18 to 24 inches.....	1.40	12.00
5000	2 to 3 feet.....	1.90	16.00

CATALPA *speciosa*, Western Catalpa

12000	6 to 12 inches.....	.30	2.50
8000	12 to 18 inches (Tops cut back to 10 inches) .....	.45	4.00
6000	18 to 24 inches (" " " " 16 inches) .....	.70	6.00
9000	2 to 3 feet....(" " " " 20 inches) .....	.95	8.50
1300	3 to 4 feet....(" " " " 34 inches)	1.40	12.00

ELM, AMERICAN WHITE, *Ulmus americana*

1000	6 to 12 inches.....	.35	3.00
5000	12 to 18 inches.....	.60	5.00
6900	18 to 24 inches.....	.90	8.00
4000	2 to 3 feet.....	1.20	10.00
1000	3 to 4 feet.....	1.80	15.00

ELM, CHINESE, *Ulmus pumila*

We have a splendid lot of Chinese Elm seedlings in all grades, graded by height and caliper, making a strong grade. Can furnish either Shenandoah or Washington grown seedlings. All seedlings for spring trade are spring dug.

26000	6 to 12 inches.....	.35	3.00
30000	12 to 18 inches.....	.70	6.00
28000	18 to 24 inches.....	1.10	9.00
29000	2 to 3 feet.....	1.40	12.00
39000	3 to 4 feet.....	2.10	18.00
22000	4 to 5 feet.....	3.50	30.00
6000	5 to 6 feet.....	5.50	50.00

HACKBERRY, *Celtis occidentalis*

10000	6 to 12 inches.....	.80	7.00
12000	12 to 18 inches.....	1.40	12.00
7000	18 to 24 inches.....	1.90	16.00
12000	2 to 3 feet.....	2.90	25.00
800	3 to 4 feet.....	4.00	35.00
800	4 to 5 feet.....	5.60	50.00

LOCUST HONEY, *Gleditsia triacanthos*

9000	6 to 12 inches.....	.45	4.00
4000	2 to 3 feet.....	1.40	12.00
9000	3 to 4 feet.....	1.90	16.00
4000	4 to 5 feet.....	2.90	25.00
1000	Thornless, inermis, 6 to 12 inches.....	.60	5.00
3000	" " 2 to 3 feet.....	1.90	16.00
1200	" " 3 to 4 feet.....	2.40	20.00
600	" " 4 to 5 feet.....	3.50	30.00
200	" " 5 to 6 feet.....	4.50	....

MAPLE, SILVER LEAVED, *Acer dasycarpum*

11000	6 to 12 inches.....	.35	3.00
15000	12 to 18 inches.....	.70	6.00
7000	18 to 24 inches.....	1.20	10.00
4000	2 to 3 feet.....	1.70	14.00
1400	3 to 4 feet.....	2.40	20.00

DECIDUOUS TREES and ORNAMENTAL SEEDLINGS—Continued			
MULBERRY, RUSSIAN, <i>Morus tatarica</i>		Per 100	Per 1000
4200	6 to 12 inches.....	\$ 0.35	\$ 3.00
PRUNUS, americana, American Plum			
1000	18 to 24 inches.....	2.10	18.00
1000	2 to 3 feet.....	2.90	25.00
RUSSIAN OLIVE, <i>Elaeagnus angustifolia</i>			
19000	6 to 12 inches.....	.80	7.00
17000	12 to 18 inches.....	1.20	10.00
10000	18 to 24 inches.....	1.90	16.00
5000	2 to 3 feet.....	2.40	20.00
300	3 to 4 feet.....	3.20	28.00
800	4 to 5 feet.....	4.50	40.00
WALNUT, BLACK, <i>Juglans nigra</i>			
600	6 to 12 inches.....	1.20	10.00
2000	12 to 18 inches.....	1.80	15.00
200	2 to 3 feet.....	2.90	....
100	3 to 4 feet.....	3.50	....
475	4 to 5 feet.....	5.00	....

ONE YEAR FROM CUTTINGS

POPLAR, <i>Populus</i>		Per 100	Per 1000
1000	Carolina (Norway Variety) whips, 3 to 4 feet.....	\$ 3.50	\$30.00
1000	“ “ “ 4 to 5 feet, lightly branched...	4.50	40.00
400	“ “ “ 5 to 6 feet, lightly branched...	5.60	50.00
2000	Lombardy, whips, 18 to 24 inches	2.40	20.00
5000	“ “ 2 to 3 feet	3.20	28.00
3000	“ “ 3 to 4 feet.....	5.00	45.00
1000	“ lightly branched, 4 to 5 feet.....	7.00	60.00
1000	“ “ 5 to 6 feet.....	9.00	80.00
WILLOW, <i>Salix</i>			
400	Russian Golden (<i>vitellina</i>) 18 to 24 inches.....	1.70	14.00
600	“ “ “ 2 to 3 feet.....	2.10	18.00
1500	“ “ “ 3 to 4 feet.....	2.90	25.00

DECIDUOUS TREES

Our Shade and Ornamental Trees are first class, well shaped, young and vigorous nursery grown trees with good roots. They have been grown from seedlings transplanted in nursery row especially for this purpose.

All calipers taken 6 inches above the collar.

BALLING AND BURLAPPING EXTRA. The following prices are made to cover ordinary size balls, a ball large enough to safely transplant the tree.

Each		Each	
3 to 4 feet.....	\$0.35	1¼-inch caliper	\$1.60
4 to 5 feet .....	.45	1½-inch caliper	2.25
5 to 6 feet.....	.60	2 -inch caliper	2.60
6 to 8 feet .....	.80	2½-inch caliper	3.00
8 to 10 feet	1.35		

Balling and burlapping on larger sized trees quoted on request.

AILANTHUS, glandulosa, Tree of Heaven, 50-60 ft.

A rapid growing tree. Succeeds under city conditions.

		Per 10	Per 100	Per 1000
60	4 to 5 feet.....	\$2.90	\$25.00	\$
160	5 to 6 feet.....	4.00	35.00	....
160	6 to 8 feet.....	6.00	55.00	....
4	8 to 10 feet.....	9.00	....	....

ARALIA, mandshurica, 20-25 ft.

Vigorous grower with large, cut leaves. Very hardy.

40	2 to 3 feet.....	2.10	18.00	....
60	3 to 4 feet.....	2.90	25.00	....

ASH, American White, *Fraxinus alba*, 75-100 ft.

Tall growing, valuable tree for street and park planting.

100	4 to 5 feet.....	2.90	25.00	....
200	5 to 6 feet.....	3.30	30.00	....
170	6 to 8 feet.....	5.00	45.00	....

Green, lanceolata, 50-60 ft.

Thrives over a wide territory. Especially valuable for planting in high altitudes and dry cold climates. Succeeds everywhere. Valuable on the farm.

300	4 to 5 feet.....	2.40	20.00	....
720	5 to 6 feet.....	2.90	25.00	....
450	6 to 8 feet.....	4.50	40.00	....

DECIDUOUS TREES—Continued

BIRCH, Cutleaf Weeping, *Betula laciniata*, 30-40 ft.

A graceful, white barked tree with drooping limbs and cut-leaved foliage. Highly recommended for lawn and park planting.

			Per 10	Per 100	Per 1000
40	4 to 5 feet,	Balled in Moss.....	\$ 8.00	\$75.00	\$
130	5 to 6 feet,	" " "	12.00	110.00	.....
90	6 to 8 feet,	" " "	15.50	140.00	.....
110	8 to 10 feet,	" " "	22.50	200.00	.....

European White, *Betula alba*, 30-40 ft.

A hardy attractive tree with white bark.

100	4 to 5 feet.....	4.00	35.00	.....
190	5 to 6 feet.....	5.50	50.00	.....
50	6 to 8 feet.....	8.00	75.00	.....

BOX ELDER, See Maple

CATALPA, bungal, Umbrella Catalpa, 12-18 ft.

Vigorous, large, dark green leaves, used for formal planting.

200	4 to 5-foot stems, one-year heads.....	4.50	40.00	.....
65	5 to 6-foot stems, one-year heads.....	5.50	50.00	.....
60	6 to 7-foot stems, one-year heads.....	7.00	65.00	.....
100	4 to 5-foot stems, 2-year heads.....	5.50	50.00	.....
50	5 to 6-foot stems, 2-year heads.....	6.50	60.00	.....
40	6 to 7-foot stems, 2-year heads.....	9.00	....	.....

speciosa, Western Catalpa, 30-35 ft.

Well known hardy tree. White flowers, May-June.

60	5 to 6 feet, whips.....	1.80	15.00	.....
90	6 to 8 feet, whips.....	2.90	25.00	.....
70	8 to 10 feet, whips.....	4.00	35.00	.....

CHERRY, JAPANESE FLOWERING, 18-20 ft.

Noted for their beautiful flowers, planted freely in the east and south.

3 to 4 feet,	whips.....	5.00	45.00	.....
3 to 4 feet,	branched.....	7.00	60.00	.....
4 to 5 feet,	"	9.00	80.00	.....
5 to 6 feet,	"	11.00	100.00	.....
6 to 8 feet,	"	12.50	.....	.....

Whips

	3-4	3-4	4-5	5-6	6-8
James Veitch (Fugenza)—large double pink....	...	8	...	...	...
Kwanzan—double, dark pink, late.....	135	...	...	20	...
Mount Fuji—semi-double, blush white.....	30	25	...
Naden—double, fine pink.....	...	15	7	...	...
Yoshino—single white	15	65

COFFEETREE, KENTUCKY, *Gymnocladus dioica*. 50-70 ft.

Light blue green fern-like foliage. Very picturesque even in winter. White flowers, June.

10	4 to 5 feet.....	7.50	....	.....
22	5 to 6 feet.....	10.00	....	.....
10	6 to 8 feet	13.50	....	.....

CRAB, Flowering Malus. 12-20 ft.

2 to 3 feet.....	4.00	35.00	.....
3 to 4 feet.....	6.00	55.00	.....
3½ to 4 feet (Bechtel only)	7.50	70.00	.....

Bechtel. 12-15 ft.

A beautiful, double pink, flowering crab with fragrant flowers. May-June. Does well where not affected with Cedar Fungus.

Parkmani. 18-20 ft.

Bright rosy-red with double flowers. April-May.

	3-4	3½-4	2-3
Bechtel	200	150	140
Parkman	85	...	70

CRAB, Flowering Malus. 15-30 ft.

The following varieties of flowering crabs are valuable, producing attractive flowers and fruit. Where Cedar trees are plentiful we recommend planting these in preference to Bechtel's.

2 to 3 feet.....	2.40	20.00	.....
3 to 4 feet.....	3.50	30.00	.....
4 to 5 feet.....	4.50	40.00	.....
5 to 6 feet.....	6.00	55.00	.....
6 to 7 feet.....	8.00	75.00	.....

	6-8	5-6	4-5	3-4	2-3
Coronaria, pink .....	...	190	30	35	195
Eleyi, dark pink.....	...	80	90	110	140
Floribunda Purpurea, crimson.....	...	...	15	15	...
Hopa, red buds.....	100	300	90	100	...
Ioensis, single pink.....	...	100	50	250	...
Mt. Arbor Flowering, Red foliage.....	3	17	15	50	60
Red Silver, Red foliage.....	35	100	10	15	...
Redvein, Niedzwetskyana, Red.....	...	...	46	90	70

DECIDUOUS TREES—Continued

ELM—American White, *Ulmus americana*. 60-100 ft.

The most popular American tree for street and general planting.

		Per 10	Per 100	Per 1000
320	4 to 5 feet.....	\$ 1.80	\$15.00	\$
480	5 to 6 feet.....	2.40	20.00	.....
800	6 to 8 feet.....	3.50	30.00	.....
700	8 to 10 feet.....	5.00	45.00	.....
790	1¼ to 1½ inches.....	6.50	60.00	.....
600	1½ to 1¾ inches.....	8.00	75.00	.....
300	1¾ to 2 inches.....	10.00	90.00	.....
290	2 to 2½ inches.....	12.00	110.00	.....
440	2½ to 3 inches.....	16.50	150.00	.....
100	3 to 3½ inches.....	22.00	200.00	.....
60	3½ to 4 inches.....	33.00	300.00	.....

Chinese, *pumila*. 40-50 ft.

A hardy, rapid grower. Slender branched, compact habit of growth with small attractive leaves. Highly recommended for dry climate.

490	4 to 5 feet.....	1.40	12.00	.....
800	5 to 6 feet.....	2.60	22.50	200.00
900	6 to 8 feet.....	4.40	38.50	350.00
600	8 to 10 feet.....	6.00	55.00	.....
400	1¼ to 1½ inches.....	8.00	75.00	.....
300	1½ to 2 inches.....	12.00	110.00	.....
30	2 to 2½ inches	15.00	....	.....

CHINESE ELM

Trees Out of Seedlings.

Have been grown in wide rows and thinned out in the row to develop fairly well furnished tops. All have been root pruned to secure a branched root system, and they will be graded by caliper and height.

		Per 10	Per 100	Per 1000
2200	4 to 5 feet, 7-16 to 9-16 inches.....	\$.80	\$ 7.00	\$
2000	5 to 6 feet, 9-16 to 11-16 inches	2.00	16.50	140.00
1500	6 to 8 feet, 11-16 to ¾ inch	2.60	22.50	200.00

Moline Elm. 80-100 ft.

A new pyramidal, vigorous growing variety with large handsome green foliage. Fine tree for street and drive planting.

540	8 to 10 feet.....	7.50	70.00	.....
470	1¼ to 1½ inches.....	9.00	85.00	.....
260	1½ to 1¾ inches.....	14.00	125.00	.....
165	1¾ to 2 inches.....	17.50	160.00	.....
140	2 to 2½ inches.....	21.00	190.00	.....
240	2½ to 3 inches.....	25.00	225.00	.....
400	3 to 3½ inches.....	30.00	275.00	.....
200	3½ to 4 inches.....	38.50	350.00	.....
100	4 to 5 inches.....	47.50	425.00	.....

Vase Elm. 80-100 ft.

An American Elm with vase formation of limbs. Uniform type, rapid grower. Distinct improvement.

490	6 to 8 feet.....	5.00	45.00	.....
570	8 to 10 feet.....	7.50	70.00	.....
10	3 to 3½ inches.....	30.00	275.00	.....
40	3½ to 4 inches.....	38.50	350.00	.....
25	4 to 5 inches.....	40.00	....	.....

HACKBERRY, *Celtis occidentalis*. 50 ft.

A valuable shade tree of rapid spreading growth. Limbs seldom broken by wind.

190	5 to 6 feet.....	5.00	45.00	.....
90	6 to 8 feet.....	7.00	65.00	.....
250	8 to 10 feet.....	11.00	100.00	.....
50	1½ to 1¾ inches.....	16.00	150.00	.....
75	2 to 2½ inches.....	22.00	200.00	.....

HONEYLOCUST, *Gleditsia triacanthos*. 50-60 ft.

A thorny tree with attractive pinnate leaves. Fragrant white flowers in May. Long lived, hardy tree. Succeeds on most any kind of soil. Not affected by borers or drouth.

190	5 to 6 feet.....	4.50	40.00	.....
100	6 to 8 feet.....	5.50	50.00	.....
200	8 to 10 feet.....	8.00	75.00	.....
50	1½ to 1¾ inches.....	13.00	120.00	.....

DECIDUOUS TREES—Continued**HONEYLOCUST—Continued****Thornless, *Gleditsia triacanthos inermis*. 50-60 ft.**A variety of *Triacanthos* without thorns.

		Per 10	Per 100	Per 1000
90	5 to 6 feet.....	\$ 5.00	\$	\$
50	6 to 8 feet.....	7.00	....	....
100	8 to 10 feet.....	10.00	....	....

LINDEN, American, *Tilia americana*. 60-90 ft.

Rapid growing tree. Large glossy leaves, fragrant yellow flowers. June.

300	6 to 8 feet.....	6.50	60.00	.....
400	8 to 10 feet, 1¼ to 1½ inches.....	8.50	80.00	.....
80	1½ to 2 inches.....	12.50	....	.....
40	2 to 2½ inches.....	15.00	....	.....
120	2½ to 3 inches.....	19.00	175.00	.....
230	3 to 3½ inches.....	25.00	225.00	.....
110	3½ to 4 inches.....	30.00	275.00	.....

cordata, *Tilia Cordata*, Littleleaf European Linden. 70 ft.

A variety of European Linden with very small leaves.

70	4 to 5 feet.....	4.00	....	.....
100	5 to 6 feet.....	5.50	50.00	.....

silvestris, *Tilia Silvestris*. 70 ft.A variety of *Tilia cordata* small leaf European Linden.

30	4 to 5 feet.....	4.00	....	.....
65	5 to 6 feet.....	5.00	....	.....
35	6 to 8 feet.....	7.50	....	.....

LOCUST, Black or Yellow, *Robinia pseudoacacia*. 50-80 ft.

A valuable heat and drouth resisting tree. Fragrant white flowers in May followed by small dark seed pods in the autumn.

40	6 to 8 feet.....	3.50	30.00	.....
20	8 to 10 feet.....	4.50	40.00	.....
40	1½ to 2 inches.....	7.00	....	.....
20	2 to 2½ inches	10.00	....	.....

MAPLE, Amur, *Acer ginnala*. 20-25 ft.

Large shrub or small tree. Yellowish, fragrant flowers. April-May. Leaves and seed pods attractive.

120	3 to 4 feet.....	3.50	30.00	.....
100	4 to 5 feet.....	5.00	45.00	.....
60	5 to 6 feet.....	7.00	....	.....

Box Elder, *negundo*. 40-50 ft.

Hardy, rapid growing tree with bright green foliage.

15	4 to 5 feet.....	2.50	....	.....
35	5 to 6 feet.....	3.00	....	.....
120	6 to 8 feet.....	4.50	40.00	.....
40	8 to 10 feet.....	6.00	55.00	.....

Norway, *platanoides*. 50-60 ft.

Hardy, popular tree. Fine for park and street planting. Spreading habit.

280	5 to 6 feet, lightly branched.....	5.50	50.00	.....
300	6 to 8 feet, whips.....	6.50	60.00	.....
300	8 to 10 feet, whips.....	8.50	80.00	.....
80	6 to 8 feet, lightly branched.....	8.00	75.00	.....
190	8 to 10 feet, branched.....	15.00	135.00	.....
40	2½ to 3 inches.....	30.00	275.00	.....
50	3½ to 4 inches.....	35.00	.....	.....
35	4 to 4½ inches.....	42.50	.....	.....

rubrum, Red or Scarlet Maple. 50-60 ft.

Brilliant red autumn coloring.

20	5 to 6 feet.....	6.50	....	.....
20	6 to 8 feet.....	9.00	....	.....

Schwedler, Purple Leaf Maple. 40-50 ft.

Very popular because of its reddish-purple leaves in the spring.

110	8 to 10 feet, whips.....	12.00	110.00	.....
100	8 to 10 feet, lightly branched.....	13.50	125.00	.....

Silver, *dasycarpum*. 60-80 ft.

Well known, rapid growing tree. Leaves silver underneath.

190	5 to 6 feet.....	2.90	25.00	.....
200	6 to 8 feet.....	4.00	35.00	.....
90	1½ to 2 inches.....	11.00	100.00	.....
100	2 to 2½ inches.....	15.00	135.00	.....

DECIDUOUS TREES—Continued

MAPLE—Continued

Sugar, saccharum. 50-75 ft.

Splendid hardy ornamental tree. Foliage turning bright orange, sometimes scarlet in autumn.

		Per 10	Per 100	Per 1000
50	5 to 6 feet.....	\$ 6.50	\$60.00	\$
220	6 to 8 feet.....	10.00	90.00	.....
150	8 to 10 feet, 1 to 1½ inches.....	14.00	125.00	.....
140	1¼ to 1½ inches.....	15.50	140.00	.....
120	1¾ to 2 inches.....	22.00	200.00	.....
70	2 to 2½ inches.....	25.00	225.00	.....
140	2½ to 3 inches.....	30.00	275.00	.....
190	3 to 3½ inches.....	38.50	350.00	.....
80	3½ to 4 inches.....	45.00	....	.....

MOUNTAIN ASH, European, Sorbus aucuparia. 20-40 ft.

A valuable ornamental tree with scarlet berries. August-September.

260	4 to 5 feet, whips.....	3.50	30.00	.....
70	5 to 6 feet, whips.....	4.50	40.00	.....

Oakleaf, Sorbus quercifolia. 20-40 ft.

Upright, rather pyramidal growing tree with attractive foliage.

20	5 to 6 feet.....	7.50	....	.....
50	6 to 8 feet.....	10.00	....	.....

OAK, PIN, Quercus palustris. 70-80 ft.

Of rapid growth. Leaves deeply cut and colors beautiful in autumn. Transplants more readily than most varieties.

100	2 to 2½ inches.....	25.00	225.00	.....
1740	2½ to 3 inches.....	28.00	250.00	.....
690	3 to 3½ inches.....	30.00	275.00	.....
300	3½ to 4 inches.....	38.50	350.00	.....
150	4 to 5 inches.....	50.00	450.00	.....
75	5 to 6 inches.....	60.00	550.00	.....

Red, rubra. 60-80 ft.

An excellent tree for park and street planting. Beautiful foliage turning red in autumn.

140	8 to 10 feet, 1¼ to 1½ inches.....	22.00	200.00	.....
60	1½ to 2 inches.....	28.00	250.00	.....
90	2 to 2½ inches.....	30.00	275.00	.....
40	2½ to 3 inches.....	33.00	300.00	.....
35	3 to 3½ inches.....	35.00	....	.....
45	3½ to 4 inches.....	40.00	....	.....
40	4 to 5 inches.....	45.00	....	.....
25	5 to 6 inches.....	55.00	....	.....

Scarlet, coccinea. 75-90 ft.

Most striking Autumn colors; tall, stately grower, deeply cut leaves.

20	1½ to 2 inches.....	25.00
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PHELLODENDRON amurense, Amur Corktree. 30-40 ft.

Medium sized, hardy tree with stout, spreading branches. Leaves aromatic when bruised, turning yellow in autumn. Inconspicuous greenish flowers followed by black berries, remaining on tree long after leaves have fallen.

45	4 to 5 feet.....	5.00	....	.....
120	5 to 6 feet.....	7.50	70.00	.....
50	6 to 8 feet.....	9.00	....	.....
30	8 to 10 feet.....	12.50	....	.....

POPLAR, Bolleana, Silver Leaved. 50-60 ft.

A rapid growing, columnar tree with silvery foliage.

90	6 to 8 feet.....	5.50	50.00	.....
100	8 to 10 feet.....	8.00	75.00	.....
390	1¼ to 1½ inches.....	10.00	90.00	.....
200	1½ to 1¾ inches.....	13.00	120.00	.....
100	1¾ to 2 inches.....	16.50	150.00	.....
100	2 to 2½ inches.....	19.00	175.00	.....
15	2½ to 3 inches.....	21.00	....	.....

Carolina, (Norway Variety). 75-100 ft.

A rapid grower. Succeeds over a wide territory. We are growing Norway, an improved type of Carolina.

300	8 to 10 feet.....	2.90	25.00	.....
600	1¼ to 1½ inches.....	3.50	30.00	.....
900	1½ to 1¾ inches.....	5.00	45.00	.....
600	1¾ to 2 inches.....	7.50	70.00	.....
700	2 to 2½ inches.....	10.00	90.00	.....
140	2½ to 3 inches.....	11.00	100.00	.....

DECIDUOUS TREES—Continued

POPLAR—Continued

Lombardy. 60-80 ft.

Tall grower, pyramidal. Valuable for landscaping and used freely for screens. Low branches.

			Per 10	Per 100	Per 1000
900	4 to 5 feet, low branched.....		\$ 1.25	\$10.50	\$ 90.00
800	5 to 6 feet, " "		1.75	14.50	125.00
600	6 to 8 feet, " "		2.40	21.00	180.00
700	8 to 10 feet, " "		2.80	24.00	220.00
1100	1½ to 1½ inches, low branched.....		3.20	28.00	250.00
900	1½ to 2 inches, " "		4.50	40.00	.....
140	2 to 2½ inches, " "		6.50	60.00	.....

Silver Alba, White Poplar. 50-60 ft.

Well known as Silver Poplar, spreading habit, leaves woolly white underneath. Very hardy. Succeeds in cold, dry climates.

200	4 to 5 feet, well branched.....	2.10	18.00	.....
110	5 to 6 feet, " "	2.90	25.00	.....
125	6 to 8 feet, " "	4.50	40.00	.....
75	8 to 10 feet, " "	6.50	.....	.....

PRUNUS, Ornamental Plum

americana, Common Wild Plum. 12-15 ft.

Very hardy, medium spreading habit of growth; usually grows in thickets. Desirable for erosion planting and for pollinizers.

1100	3 to 4 feet, 7-16, Transplants, Branched.....	.95	8.00	70.00
1900	4 to 5 feet, 9-16, " "	1.20	10.00	85.00
1700	5 to 6 feet, 11-16, " "	1.70	14.00	120.00
370	6 to 8 feet, ¾-in., " "	2.25	19.00	160.00

Cistena, Hansen's Purple Leaved Plum. 5-6 ft.

A dwarf hardy variety with rich purple red foliage. Bush form.

80	18 to 24 inches.....	2.40	20.00	.....
300	2 to 3 feet.....	2.90	25.00	.....
100	3 to 4 feet.....	3.70	32.00	.....
30	4 to 5 feet.....	4.50	.....	.....

Hansen Bush Cherry. 4-5 ft.

An improved Prunus Besseyi; very productive and extremely hardy.

50	18 to 24 inches.....	1.40	12.00	.....
100	2 to 3 feet.....	1.90	16.00	.....

ilicifolia, Hollyleaf Cherry. 25-30 ft.

Evergreen Cherry. Large bush or small tree. Holly like leaves.

35	6 to 8 feet.....	6.00	.....	.....
5	8 to 10 feet	7.50	.....	.....

japonica, Chinese Bush Cherry. 4-5 ft.

Dwarf, hardy variety, mass of rose-colored flowers and foliage producing good autumn coloring.

210	3 to 4 feet.....	3.70	32.00
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Newport, Purple Leaved. (Bush Form). 15-20 ft.

Hardy, upright grower. Foliage reddish purple with bright red tips.

50	18 to 24 inches.....	2.40	20.00	.....
190	3 to 4 feet.....	3.70	32.00	.....
100	4 to 5 feet.....	4.50	40.00	.....
90	5 to 6 feet.....	5.50	50.00	.....
40	6 to 8 feet	7.00	.....	.....

pennsylvanica, Pin Cherry. 25-40 ft.

Small tree with showy white flowers, April-May. Cherry-red fruit.

10	3 to 4 feet.....	2.50	.....	.....
10	4 to 5 feet	3.50	.....	.....
15	5 to 6 feet	4.50	.....	.....

persica, Red Flowering Peach. 15-20 ft.

An early blooming, double flowering peach.

210	18 to 24 inches	1.20	10.00	.....
480	2 to 3 feet.....	1.80	15.00	.....
450	3 to 4 feet.....	2.40	20.00	.....
50	4 to 5 feet.....	3.20	28.00	.....
20	5 to 6 feet.....	4.00	.....	.....

serotina, Wild Black Cherry. 40-50 ft.

A native of the Middle West. White flowers in May followed by small black cherries borne in clusters.

100	4 to 5 feet.....	2.10	18.00	.....
300	5 to 6 feet.....	2.90	25.00	.....
400	6 to 8 feet.....	4.00	35.00	.....
200	8 to 10 feet.....	5.50	50.00	.....
65	1½ to 2 inches.....	7.00	.....	.....

DECIDUOUS TREES—Continued

PRUNUS, ORNAMENTAL PLUM—Continued

tomentosa, Nanking Cherry. 10-12 ft.
Very hardy variety, remarkably showy flowers and fruit of finest flavor.
For jams and preserves it is unexcelled.

			Per 10	Per 100	Per 1000
30	2 to 3 feet.....		\$ 2.40	\$20.00	\$
50	3 to 4 feet.....		2.90	25.00	.....

triloba, Flowering Plum. 8-10 ft.
A handsome, hardy, vigorous, large shrub or small tree with double pink flowers in April-May. Will succeed over a wide territory. Bush form.

90	2 to 3 feet (On Native Plum).....		2.90	25.00	.....
200	3 to 4 feet " " "		3.70	32.00	.....
180	4 to 5 feet " " "		4.50	40.00	.....

virginiana, Common Chokecherry, Red or Black. 20-30 ft.
Bush or small tree with rough, speckled bark with strong odor when bruised. Red or black fruit.

40	4 to 5 feet.....		4.00	35.00	.....
30	5 to 6 feet.....		4.50	....	.....
10	6 to 8 feet.....		6.00	....	.....

PTELEA, trifoliata, Common Hoptree (Wafer Ash). 10-12 ft.
Has clusters of seed pods that look and smell like hops.

25	4 to 5 feet.....		4.00	35.00	.....
150	5 to 6 feet.....		5.00	45.00	.....
85	6 to 8 feet.....		6.00	....	.....

RED BUD, American, Cercis canadensis. 20-30 ft.
Very attractive, rosy pink almost red flowers in April.

100	3 to 4 feet.....		3.50	30.00	.....
100	4 to 5 feet.....		4.50	40.00	.....
100	5 to 6 feet.....		5.50	50.00	.....
25	6 to 8 feet		7.00	....	.....

RUSSIAN OLIVE, Eleagnus angustifolia. 20-25 ft.
Attractive silver gray leaves, grayish white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Very hardy.

1100	3 to 4 feet.....		2.10	18.00	150.00
1200	4 to 5 feet.....		2.80	24.00	220.00
1100	5 to 6 feet.....		3.70	32.00	.....
690	6 to 8 feet.....		5.50	50.00	.....

For smaller sizes see Eleagnus under Shrubs.

SYCAMORE or American Planetree, Platanus occidentalis. 100-130 ft.
Large, handsome leaves. Smooth, light colored, almost creamy-white bark with age, gives tree a striking appearance.

500	6 to 8 feet.....		4.00	35.00	.....
300	8 to 10 feet.....		6.50	60.00	.....
700	1¼ to 1½ inches.....		8.00	75.00	.....
110	1½ to 1¾ inches.....		11.00	100.00	.....
190	1¾ to 2 inches.....		14.00	125.00	.....
230	2 to 2½ inches.....		16.50	150.00	.....
50	2½ to 3 inches		17.50	....	.....

European or Oriental Plane, Platanus orientalis. 60-80 ft.
A valuable tree for park and street planting in the east and south.

50	5 to 6 feet		5.00	45.00
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THORN, Crataegus coccinea, Thicket Hawthorn. 20-25 ft.
Bushy tree, white flowers, dull red fruit.

200	3 to 4 feet.....		6.50	60.00	.....
250	4 to 5 feet.....		10.00	90.00	.....
10	5 to 6 feet.....		12.50	....	.....
10	6 to 8 feet.....		16.00	....	.....

cordata, Washington Hawthorn. 20-25 ft.
Bright red fruit, brilliant autumn foliage.

160	5 to 6 feet.....		13.00	120.00	.....
240	6 to 8 feet.....		16.50	150.00	.....
20	8 to 10 feet.....		20.00	....	.....
5	2 to 2½ inches (Tree Form)		30.00	....	.....
10	2½ to 3 inches " "		40.00	....	.....
18	3 to 3½ inches " "		50.00	....	.....

crusgalli, Cockspur Thorn. 15-18 ft.
Deep green shiny leaved distinctive Hawthorn. Conspicuous white flowers, red fruits. Long thorns.

40	5 to 6 feet.....		13.50	....	.....
50	6 to 8 feet.....		16.00	....	.....

DECIDUOUS TREES—Continued

THORN, *Crataegus*—ContinuedEnglish Hawthorn, *oxycantha*. 12-15 ft.

A small shrubby tree. Single white blooms in the spring.

			Per 10	Per 100	Per 1000
140	3 to 4 feet.....		\$ 5.00	\$45.00	\$
60	4 to 5 feet.....		7.00	65.00	.....
75	5 to 6 feet.....		10.00	90.00	.....
120	6 to 8 feet.....		12.50	115.00	.....
60	8 to 10 feet.....		15.00	....	.....

mollis, Downy Hawthorn. 15 ft.

Vigorous spreading growth. Large leaves, attractive red fruit.

400	3 to 4 feet.....	5.00	45.00	.....
520	4 to 5 feet.....	7.00	65.00	.....
540	5 to 6 feet.....	11.00	100.00	.....
150	6 to 8 feet.....	15.00	135.00	.....
20	8 to 10 feet.....	17.50	....	.....

Paul's Scarlet Hawthorn, *oxycantha paull*. 15-20 ft.

Produces brilliant double scarlet flowers in June.

80	3 to 4 feet.....	8.50	80.00	.....
120	4 to 5 feet.....	11.00	100.00	.....

prunifolia, Plumleaf Hawthorn. 30 ft.

Branches spreading or somewhat ascending, spiny. Fruit, red. May, June.

110	3 to 4 feet.....	6.50	60.00	.....
25	4 to 5 feet.....	10.00	90.00	.....
35	5 to 6 feet.....	13.50	....	.....
10	6 to 8 feet.....	16.00	....	.....

TULIPTREE, *Liriodendron tulipifera*. 100-150 ft.

Rapid growing, beautiful ornamental tree. Large tulip-like flowers.

50	8 to 10 feet.....	11.00	....	.....
20	1½ to 1¾ inches.....	13.50	....	.....

WALNUT, Black, *Juglans nigra*. 80-100 ft.

Valuable tree for the wood and nuts.

360	4 to 5 feet.....	2.90	25.00	.....
400	5 to 6 feet.....	4.00	35.00	.....
300	6 to 8 feet.....	5.50	50.00	.....
110	8 to 10 feet.....	8.00	75.00	.....
40	1½ to 1¾ inches.....	14.00	125.00	.....
40	2 to 2½ inches.....	16.50	150.00	.....

WILLOW, *Salix*

babylonica, Babylon Weeping Willow. 40-50 ft.

Rapid grower with long pendulous branches. Not hardy in this latitude.

90	4 to 5 feet.....	2.10	18.00	.....
170	5 to 6 feet.....	2.90	25.00	.....
100	6 to 8 feet.....	4.00	35.00	.....
60	8 to 10 feet.....	6.50	60.00	.....

Corkscrew Willow, *matsudana tortuosa*. 18-20 ft.

An erect growing willow, in a fairly round shape, with long narrow leaves. The branches have a decided twist to them.

40	3 to 4 feet.....	2.10	18.00	.....
50	4 to 5 feet.....	2.90	25.00	.....
20	5 to 6 feet.....	4.00	35.00	.....

Laurel leaved, *pentandra*. 30-40 ft.

Hardy, upright grower with large, dark green leaves.

450	4 to 5 feet.....	1.80	15.00	.....
420	5 to 6 feet.....	2.90	25.00	.....
210	6 to 8 feet.....	4.00	35.00	.....

Niobe Weeping. 30-35 ft.

An exceptionally strong, hardy, graceful tree. Splendid pendulous habit. Very attractive golden bark. Light green flowers in April.

100	3 to 4 feet.....	1.70	14.00	.....
60	6 to 8 feet.....	4.50	....	.....
70	8 to 10 feet.....	7.00	65.00	.....

Pussy, *discolor*. 20-25 ft.

Popular willow on account of catkins in March-April before leaves.

140	4 to 5 feet.....	2.50	22.00	.....
70	5 to 6 feet.....	3.50	....	.....

Russian Golden, *vitellina aurea*. 25-30 ft.

Medium spreading growth. Golden yellow bark. Very hardy.

525	6 to 8 feet.....	2.90	25.00	.....
400	8 to 10 feet.....	4.00	35.00	.....

Wisconsin Weeping, *blanda*. 40-50 ft.

Spreading limbs and pendulous branches. Dark green leaves. Hardy.

100	3 to 4 feet.....	1.70	14.00	.....
100	4 to 5 feet.....	2.40	20.00	.....
50	8 to 10 feet.....	6.50	....	.....

ORNAMENTAL SHRUBS

Our shrubs are well grown, bushy stock, many of them twice transplanted, grown on rich land, with plenty of room to develop well furnished plants. Are confident they will please your trade.

Tied 9-12 and 12-18, 25; 18-24 and 2-3, 10; 3-4 and 4-5, 5 per bundle.

ACANTHOPANAX pentaphyllum, Five leaf Aralia. 5-10 ft.

A graceful shrub with arching branches and bright green, shining foliage, excellent on rocky banks and slopes.

		Per 10	Per 100	Per 1000
20	2 to 3 feet.....	\$ 2.00	\$	\$
22	3 to 4 feet.....	2.50	....	....

ALMOND, Pink Flowering, Prunus glandulosa rosea. 5-6 ft.

Double pink. Very ornamental, limbs being covered with masses of flowers. April-May.

100	12 to 18 inches.....	1.80	15.00	.....
300	18 to 24 inches.....	2.40	20.00	.....
400	2 to 3 feet.....	2.90	25.00	.....
300	3 to 4 feet.....	3.50	30.00	.....

White Flowering, Prunus glandulosa alba. 5-6 ft.

Double white flowering form of above.

65	12 to 18 inches.....	1.80	15.00	.....
100	18 to 24 inches.....	2.40	20.00	.....
190	2 to 3 feet.....	2.90	25.00	.....
10	3 to 4 feet.....	3.50	....	.....

ALTHEA, Hibiscus syriacus. 10-12 ft.

Upright shrub, blooming August and September. Colors pink, purple, red and white.

12 to 18 inches.....	.70	6.00	50.00
18 to 24 inches.....	1.00	8.50	75.00
2 to 3 feet.....	1.40	12.00	100.00
3 to 4 feet.....	1.90	16.00	.....
4 to 5 feet.....	2.40	20.00	.....
Tree Form, 2 to 3 feet.....	1.90	16.00	.....
" " 3 to 4 feet.....	2.50	22.00	.....
" " 4 to 5 feet.....	3.50	30.00	.....

	d—double	s—single	Bush Form					Tree Form		
			4-5	3-4	2-3	18-24	12-18	4-5	3-4	2-3
Anemonaeflorus, d pink.....			90	330	350	90	100	82	87	...
Ardens, d purple.....			...	160	400	100	20	...	35	60
Bicolor, d pink and white.....			20	...	50	50	...
Boule de Feu, d red.....			25	210	300	90	...	140	100	...
Jean d'Arc, d white.....			...	140	60	...	...	...	15	30
Lady Stanley, d blush white...			10	40	15	...	12	...
Lucy, d red.....			55	20	160	50	...	55	95	...
Pom Pom Rouge, d red.....			20	50	170	...	...	...	...	...
Purple, semi-double	100	590	230	100	15	60	30
Peonyflorus, d pink.....			40	40	...
Rose, double			25	140	25	20	80	...	10	15
Rubus, s red.....			...	40	200	50	...	50	100	...
Snowdrift, s white.....			...	100	120	60	...	...	...	...

AMELANCHIER, bartramiana, Bartram Shadblow. 6-8 ft.

Dwarf shrub with larger white flowers than other varieties followed by purplish-black fruit in July and August.

		Per 10	Per 100	Per 1000
90	12 to 18 inches.....	\$ 2.10	\$18.00	\$
135	18 to 24 inches.....	2.90	25.00	.....
75	2 to 3 feet.....	3.50	....	.....

canadensis, Juneberry (Downy Shadblow). 10-15 ft.

Attractive white flowers early spring followed by dark red fruit. Edible. Attractive to birds.

125	9 to 12 inches.....	1.20	10.00	.....
340	12 to 18 inches.....	1.90	16.00	.....
50	18 to 24 inches.....	2.50	22.00	.....

ORNAMENTAL SHRUBS—Continued

AMORPHA fruticosa, Indigo Bush. 8-10 ft.

A vigorous growing shrub with dark violet flowers.

		Per 10	Per 100	Per 1000
60	3 to 4 feet.....	\$ 2.10	\$18.00	\$
140	4 to 5 feet.....	2.50	22.00	.....

ARONIA arbutifolia, Red Chokeberry. 8-10 ft.

White flowers sometimes tinged with red. April-May. Bright red fruit and red foliage in autumn.

710	12 to 18 inches.....	1.20	10.00	.....
500	18 to 24 inches.....	1.80	15.00	.....
600	2 to 3 feet.....	2.40	20.00	.....
300	3 to 4 feet.....	3.50	30.00	.....

melanocarpa, Black Chokeberry. 6-8 ft.

Attractive white flowers in May. Black, shining fruits in autumn.

550	12 to 18 inches.....	1.20	10.00	.....
900	18 to 24 inches.....	1.70	14.00	.....
600	2 to 3 feet.....	2.10	18.00	.....

AZALEA, poukhanensis. Korean Azalea. 2-3 ft.

Single, purple-lilac flowers are profusely borne in May; very hardy.

10	12 to 15 inches, B&B.....	12.50	.....	.....
10	15 to 18 inches, B&B.....	17.50	.....	.....
25	18 to 24 inches, B&B.....	22.50	.....	.....

BARBERRY

thunbergi, Japanese Barberry. 4-5 ft.

Pale yellow flowers. April-May. A splendid hardy hedge plant. Also fine for mass planting. Brilliant red fruit and foliage in Autumn.

		Per 10	Per 100	Per 1000
4000	9 to 12 inches.....	\$0.35	\$ 2.90	\$ 25.00
6000	12 to 15 inches.....	.50	4.50	40.00
7500	15 to 18 inches.....	.80	7.00	60.00
8000	18 to 24 inches.....	1.10	9.00	80.00
500	2 to 2½ feet.....	1.75	14.50	125.00

See Hedging for Seedlings and smaller grades.

Box, Berberis Japanese, minor. 2-3 ft.

Dwarf form of Japanese Barberry. Fine for low hedges or borders.

50	9 to 12 inches.....	.95	8.00	.....
400	12 to 15 inches.....	1.40	12.00	.....
150	15 to 18 inches.....	1.90	16.00	.....
30	18 to 24 inches.....	2.50	....	.....

Red Leaved, atropurpurea. 3-6 ft.

Variety of Japanese Barberry with bright red foliage.

1690	9 to 12 inches.....	.80	7.00	60.00
400	12 to 15 inches.....	1.10	9.00	.....
390	15 to 18 inches.....	1.70	14.00	.....
400	18 to 24 inches.....	2.40	20.00	.....
100	2 to 2½ feet.....	2.90	25.00	.....

See Hedging for Seedlings and smaller grades.

BERBERIS MENTORENSIS

Plant Patent No. 99

(Sun or shade—ultimate height 5 ft.)

Barberry Mentorensis is the result of a cross between Barberry Thunbergi and Barberry Juliana. It is a plant with very rugged, strong, upright growing branches and heavy thorns. Its foliage is heavy and thick and of perfect color—a green as dark as the Japanese Yew.

		Wholesale Prices, Net			Retail	Resale	Prices
	Size	Per 10	Per 100	Per 1000	Per 3	Per 12	Per 100
200	12 to 15 inches.....	\$2.50	\$18.00	\$170.00	\$1.40	\$4.00	\$25.00
700	15 to 18 inches.....	3.00	20.00	190.00	1.50	4.50	30.00
150	18 to 24 inches.....	3.50	25.00	225.00	2.00	6.00	40.00
75	24 to 30 inches.....	4.00	30.00	275.00	2.60	7.25	50.00

ORNAMENTAL SHRUBS—Continued

TRUEHEDGE COLUMNBERRY

Var. Berberis Thunbergi, erecta

Plant Patent No. 110

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes. For resale at retail only at prices specified herein.

		Wholesale Prices, Net			Retail Resale Prices			
	Size	Per 10	Per 100	Per 1000	Each	Per 5	Per 25	Per 100
200	9 to 12 inches.....	\$1.25	\$ 9.50	\$ 80.00	\$0.25	\$1.00	\$4.00	\$14.00
200	12 to 15 inches.....	1.50	11.50	100.00	.30	1.25	5.00	17.00
500	15 to 18 inches.....	1.75	13.50	120.00	.35	1.40	5.75	20.00
400	18 to 24 inches.....	2.10	17.00	150.00	.45	1.65	7.00	25.00
125	2 to 2½ feet.....	2.75	22.50	200.00	.55	2.25	9.50	35.00

BUCKTHORN, Rhamnus alpina. 10-ft.

Stout upright grower with reddish branches and large dark green leaves.

		Per 10	Per 100	Per 1000
370	18 to 24 inches.....	\$ 0.95	\$ 8.00	\$
760	2 to 3 feet.....	1.25	10.50	90.00
800	3 to 4 feet.....	1.70	14.00	120.00

cathartica, Common Buckthorn. 10-12 ft.

Very hardy, dark green leaves, black berries. Valuable for hedging in the north.

4000	12 to 18 inches.....	.40	3.50	30.00
2200	18 to 24 inches.....	.60	5.00	45.00
490	2 to 3 feet.....	.80	7.00	60.00
140	3 to 4 feet.....	1.25	10.50	90.00
65	4 to 5 feet.....	1.70	14.00	.....

See Hedging and Tree Seedlings for Buckthorn Seedlings.

frangula, Glossy Buckthorn. 10-12 ft.

Upright, hardy shrub, used for hedging. Berries red changing to black.

270	18 to 24 inches.....	.95	8.00	.....
1070	2 to 3 feet.....	1.25	10.50	90.00
700	3 to 4 feet.....	1.70	14.00	120.00

Korean. 8-10 ft.

A hardy, vigorous grower with large dark green leaves. Foliage very attractive; produces an abundance of black fruit.

280	4 to 5 feet.....	2.10	18.00	.....
80	5 to 6 feet.....	2.90	25.00	.....

BUDDLEIA, Butterfly Bush, Perennial Shrub. 4-5 ft.

Charming

A new shrub bearing throughout the summer and autumn. Elegant long sprays covered with lovely lavender-pink blooms which, compared to other varieties, are distinctly pink. Has exceptional value for house decoration.

	Per 10	Per 100	Per 1000
Charming (Retails at 75c each, \$7.50 per doz.).....	\$4.00	\$30.00	\$

Farquhar. 5-6 ft.

Lavender pink flowers with orange center; fragrant.

	Per 10	Per 100	Per 1000
300 Medium	\$ 1.20	\$10.00	\$
700 No. 1	1.40	12.00	.....

Fortune (Plant Patent No. 206)

Flowers of pure lilac with a brilliant orange eye; large, fully round sprays of 2 ft. in length. Desirable for cut flowers. Foliage deep leathery, dark green. Prolific bloomer.

	Per 10	Per 100	Per 1000
Fortune (Retails at 75c each, \$7.50 per doz.).....	\$ 3.50	\$25.00	\$

Hartwegi (New). 4-5 ft.

A thrifty, compact butterfly bush with heavy, dark green foliage and bright lavender flowers good for cutting.

	Per 10	Per 100	Per 1000
130 Medium	\$ 1.70	\$14.00	\$

ORNAMENTAL SHRUBS—Continued

BUDDLEIA, Butterfly Bush—Continued.

Ile de France. 4-6 ft.

Large flowers of rich, reddish-purple, borne in long panicles.

		Per 10	Per 100	Per 1000
890	Medium	\$ 1.20	\$10.00	\$
2270	No. 1	1.40	12.00	.....

BUFFALOBERRY Silver, Sheperdia argentea. 12-18 ft.

Large thorny shrub, almost tree-form with showy silvery foliage and red or yellow edible fruits.

360	2 to 3 feet.....	1.90	16.00	.....
20	3 to 4 feet.....	2.50	....	.....

CALLICARPA purpurea, Chinese Beautyberry. 3-6 ft.

Clusters of attractive purple berries in the fall.

30	2 to 3 feet.....	2.00
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CALYCANTHUS floridus, Sweetshrub. 4-6 ft.

A fragrant shrub with chocolate colored flowers.

135	12 to 18 inches.....	1.20	10.00	.....
40	18 to 24 inches.....	1.70	14.00	.....
30	2 to 3 feet.....	2.10	18.00	.....
110	3 to 4 feet.....	2.90	25.00	.....
70	4 to 5 feet.....	4.00	35.00	.....

CARAGANA arborescens, Siberian Pea-Tree. 12-15 ft.

Very hardy. Yellow flowers in May-June.

1000	12 to 18 inches.....	.45	4.00	35.00
500	18 to 24 inches.....	.95	8.00	70.00
300	2 to 3 feet.....	1.40	12.00	100.00
90	3 to 4 feet.....	2.10	18.00	.....

CEPHALANTHUS occidentalis, Buttonbush. 5-6 ft.

Attractive foliage with round heads of creamy white flowers. July-Sept.

360	18 to 24 inches.....	1.20	10.00	.....
600	2 to 3 feet.....	1.70	14.00	.....
200	3 to 4 feet.....	2.10	18.00	.....
50	4 to 5 feet.....	2.90	25.00	.....

CHIONANTHUS virginica, White Fringe. 25 ft.

Large glossy leaves, white fragrant flowers, May-June.

30	18 to 24 inches.....	3.00
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CLETHRA alnifolia, Summersweet. 4-6 feet.

Spikes of fragrant flowers, July-September. Prefers moist shady location. Also called Sweet Pepper Bush.

70	18 to 24 inches.....	2.90	25.00	.....
30	2 to 3 feet.....	3.50	....	.....

CORNUS, Dogwood

alba siberica, Coral Dogwood. 10-12 ft.

Hardy, vigorous, upright shrub producing small white flowers, April-May. Porcelain blue fruit. Bright red bark in winter.

200	12 to 18 inches.....	.80	7.00	.....
200	18 to 24 inches.....	1.20	10.00	.....
800	2 to 3 feet.....	1.70	14.00	120.00
1200	3 to 4 feet.....	2.10	18.00	150.00
240	4 to 5 feet.....	2.50	22.00	.....

amomum, (sericea) Silky Dogwood. 10-12 ft.

Pale blue fruits. Young twigs purple. Prefer moist places. Has creamy white flowers.

110	12 to 18 inches.....	.80	7.00	.....
150	18 to 24 inches.....	1.20	10.00	.....
150	2 to 3 feet.....	1.70	14.00	.....

elegantissima, Silverblotch Dogwood, Variegated Leaves. 6-8 ft.

Silver variegated leaves, bright red bark. Very attractive.

200	12 to 18 inches.....	2.10	18.00	.....
210	18 to 24 inches.....	2.90	25.00	.....
30	2 to 3 feet.....	4.00	....	.....

florida, White Flowering Dogwood. 15-20 ft.

Flowering tree producing white flowers, foliage turns dark red in autumn.

100	2 to 3 feet.....	4.00	....	.....
200	3 to 4 feet.....	6.00	....	.....
100	4 to 5 feet.....	9.00	....	.....
60	5 to 6 feet.....	11.00	....	.....

ORNAMENTAL SHRUBS—Continued

CORNUS—Continued

Goldentwig, *stolonifera lutea*. 8-10 ft.

Distinct yellow bark, has fine winter effect.

		Per 10	Per 100	Per 1000
220	12 to 18 inches.....	\$ 0.80	\$ 7.00	\$
400	18 to 24 inches.....	1.20	10.00	.....
500	2 to 3 feet.....	1.70	14.00	.....
300	3 to 4 feet.....	2.40	20.00	.....
50	4 to 5 feet.....	2.90	25.00	.....

paniculata, Gray Dogwood. 10-12 ft.

White flowers in May followed by white fruit.

100	12 to 18 inches.....	1.40	12.00	.....
600	18 to 24 inches.....	1.90	16.00	.....
800	2 to 3 feet.....	2.40	20.00	.....
350	3 to 4 feet.....	2.90	25.00	.....

sanguinea, Bloodtwig Dogwood. 10-12 ft.

Beautiful glossy red branches, greenish-white flowers. May-June.

90	12 to 18 inches.....	.60	.5.00	.....
300	18 to 24 inches.....	.85	7.50	.....
900	2 to 3 feet.....	1.40	12.00	100.00
800	3 to 4 feet.....	2.00	16.50	140.00
80	4 to 5 feet.....	2.50	22.00	.....

stolonifera, Red-Osier Dogwood. 15-20 ft.

Dark wine colored branches. Dull white flowers. May-June. White berries.

400	12 to 18 inches.....	.65	5.60	50.00
590	18 to 24 inches.....	1.00	8.50	75.00
1050	2 to 3 feet.....	1.40	12.00	100.00
1120	3 to 4 feet.....	2.00	16.50	140.00
50	4 to 5 feet.....	2.50	22.00	.....

CORYLUS americana, American Hazelnut. 8-10 ft.

Thrives in shady locations. Attractive foliage. Produces popular nuts.

200	12 to 18 inches.....	1.70	14.00	.....
300	18 to 24 inches.....	2.40	20.00	.....
20	3 to 4 feet.....	3.50	....	.....

COTONEASTER acutifolia, Peking Cotoneaster. 10-12 ft.

An attractive hardy shrub or hedge. Dark green leaves. Black fruit.

400	12 to 18 inches.....	1.50	12.00	.....
400	18 to 24 inches.....	2.10	18.00	.....
110	2 to 3 feet.....	2.90	25.00	.....
160	2½ to 3 feet, heavy.....	3.20	28.00	.....
200	3 to 3½ feet.....	3.70	32.00	.....

**divaricata*, Spreading Cotoneaster. 5-6 ft.

Handsome shrub bearing pink flowers and red berries. Foliage nearly evergreen.

190	12 to 18 inches.....	1.90	16.00	.....
320	18 to 24 inches.....	2.50	22.00	.....
590	2 to 3 feet.....	3.50	30.00	.....
60	3 to 4 feet.....	4.50	40.00	.....

(*) Starred variety can be B&B additional at cost.

These Cotoneaster *divaricata* are well furnished plants and we are confident will please.

CYDONIA japonica, Flowering Quince. 5-6 ft.

Our Cydonia are grown from cuttings secured from blooming wood, producing uniform scarlet colored flowers.

290	18 to 24 inches.....	1.00	8.50	75.00
620	2 to 3 feet.....	1.40	12.00	100.00
590	3 to 3½ feet.....	2.25	19.00	160.00

DESMODIUM (See lespedeza)

DEUTZIA gracilis, Slender Deutzia. 3 ft.

Dwarf. blooms freely. Small pure white flowers, May.

80	9 to 12 inches.....	1.20	10.00	.....
150	12 to 15 inches.....	1.70	14.00	.....
50	15 to 18 inches.....	2.10	18.00	.....

Lemoine Deutzia. 5-6 ft.

Large white showy flowers in May. Quite hardy.

200	12 to 18 inches.....	1.20	10.00	.....
120	18 to 24 inches.....	1.80	15.00	.....
70	2 to 2½ feet.....	2.40	20.00	.....

ORNAMENTAL SHRUBS—Continued

DEUTZIA—Continued

Pride of Rochester. 10-12 ft.

Strong grower, free bloomer, double white flowers tinged pink.

		Per 10	Per 100	Per 1000
500	12 to 18 inches.....	\$ 0.60	\$ 5.00	\$
520	18 to 24 inches.....	.95	8.00	.....
300	2 to 3 feet.....	1.40	12.00	.....

scabra plena, Double Rose. 6-7 ft.

Vigorous growth; free flowering. Produces an abundance of double, fringy, pink flowers.

350	9 to 12 inches.....	.60	5.00	.....
160	12 to 18 inches.....	.80	7.00	.....
50	18 to 24 inches.....	1.20	10.00	.....

ELAEAGNUS angustifolia, Russian Olive. 20-25 ft.

Attractive silver gray leaves, white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Very hardy.

970	18 to 24 inches.....	.95	8.00	70.00
790	2 to 3 feet.....	1.40	12.00	100.00
600	3 to 4 feet.....	2.10	18.00	150.00
300	4 to 5 feet.....	2.80	24.00	220.00

(For larger sizes—see Russian Olive under Deciduous Trees.)

argentea, Silverberry. 12-18 ft.

Erect spineless shrub or small tree giving silvery appearance. Leaves evergreen, usually flowering in the fall.

80	18 to 24 inches.....	1.80	15.00	.....
130	2 to 3 feet.....	2.40	20.00	.....
85	3 to 4 feet.....	3.20	28.00	.....

ELDER American, Sambucus canadensis. 8-10 ft.

Hardy native shrub with white fragrant flowers, June-July, followed by black berries.

340	12 to 18 inches.....	.60	5.00	.....
300	18 to 24 inches.....	.80	7.00	.....
200	2 to 3 feet.....	1.20	10.00	.....

Cutleaf American, acutiloba. 8-10 ft.

Dark green fern-like leaves, finely cut. White flowers, May-June.

300	12 to 18 inches.....	.60	5.00	.....
290	18 to 24 inches.....	.80	7.00	.....
450	2 to 3 feet.....	1.20	10.00	.....

Pubens, Scarlet Elder. 8-12 ft.

Native, hardy northern shrub. White flowers in June and red fruit June-August.

60	12 to 18 inches.....	1.20	10.00	.....
45	18 to 24 inches.....	1.80	15.00	.....

EUONYMUS, American, Brook Euonymus. 10-12 ft.

Tall shrub with slender green branches. In late summer the fruits become very showy because of their lobed and warty seed coats and scarlet seeds.

60	12 to 18 inches.....	1.40	12.00	.....
15	18 to 24 inches.....	2.00	....	.....

atropurpureus, Wahoo. 12-15 ft.

Native, hardy, vigorous shrub or small tree producing an abundance of scarlet berries. Attractive colored foliage in Autumn.

100	12 to 18 inches.....	1.70	14.00	.....
180	18 to 24 inches.....	2.10	18.00	.....

European, Burningbush, europeaus. 12-15 ft.

Dark green foliage with yellow and scarlet fruit in Autumn.

370	12 to 18 inches.....	1.70	14.00	.....
450	18 to 24 inches.....	2.10	18.00	.....
740	2 to 3 feet.....	2.90	25.00	.....
130	3 to 4 feet.....	3.50	30.00	.....
10	4 to 5 feet.....	5.00	....	.....

yedoensis, Yeddo Euonymus.

Large shrub with remarkable masses of pink and orange four lobed fruit.

250	12 to 18 inches.....	1.50	12.00	.....
170	18 to 24 inches.....	2.40	20.00	.....
60	2 to 3 feet.....	2.90	25.00	.....
50	3 to 4 feet.....	3.50	30.00	.....

ORNAMENTAL SHRUBS—Continued

EXOCHORDA grandiflora (Pearl Bush).

Dazzling white flowers in May. Attractive foliage.

		Per 10	Per 100	Per 1000
70	12 to 18 inches.....	\$ 1.20	\$10.00	\$
200	18 to 24 inches.....	1.70	14.00	.....
50	2 to 3 feet.....	2.10	18.00	.....
60	3 to 4 feet.....	2.90	25.00	.....

FORSYTHIA fortunei, Fortune Forsythia. 10-12 ft.

Upright, arching branches. Bright yellow flowers early in April.

200	18 to 24 inches.....	1.20	10.00	.....
340	2 to 3 feet.....	1.70	14.00	.....
160	3 to 4 feet.....	2.10	18.00	.....

intermedia, Border Forsythia. 8-10 ft.

Vigorous, spreading, bright yellow flowers early in April.

290	18 to 24 inches.....	1.20	10.00	.....
340	2 to 3 feet.....	1.70	14.00	120.00
370	3 to 4 feet.....	2.10	18.00	150.00

intermedia spectabilis, Showy Border Forsythia. 8-10 ft.

Improved form of Intermedia. Rich golden yellow flowers.

220	18 to 24 inches.....	1.20	10.00	.....
490	2 to 3 feet.....	1.70	14.00	120.00
160	3 to 4 feet.....	2.10	18.00	150.00
30	4 to 5 feet.....	2.50	....	.....

suspensa, Weeping Forsythia. 6-8 ft.

Slender pendulous branches. Golden yellow flowers in April.

350	18 to 24 inches.....	1.70	14.00	.....
50	2 to 3 feet.....	2.10	18.00	.....

viridissima, Greenstem Forsythia. 7-8 ft.

Stocky grower. Dark green leaves, yellow flowers. Late bloomer.

20	18 to 24 inches.....	1.20	10.00	.....
35	2 to 3 feet.....	1.70	14.00	.....

HAMAMELIS, virginiana, Witchhazel. 12-15 ft.

Succeeds in moist places with partial shade. Yellow flowers late autumn.

65	12 to 18 inches.....	1.80	15.00	.....
190	18 to 24 inches.....	2.40	20.00	.....
340	2 to 3 feet.....	3.20	28.00	.....
120	3 to 4 feet.....	4.00	35.00	.....

HONEYSUCKLE, Lonicera

bella albida, White Belle Honeysuckle. 10-12 ft.

Very hardy, upright, strong grower. White bloom, red fruit. Makes a splendid tall hedge.

400	12 to 18 inches.....	.80	7.00	60.00
400	18 to 24 inches.....	1.20	10.00	85.00
200	2 to 3 feet.....	1.70	14.00	.....
380	3 to 4 feet.....	2.10	18.00	150.00
290	4 to 5 feet.....	2.40	20.00	.....

fragrantissima, Winter Honeysuckle. 6-8 ft.

Fragrant white flowers, March-April. Nearly evergreen, semi-hardy.

40	12 to 18 inches.....	.95	8.00	.....
100	18 to 24 inches.....	1.40	12.00	.....
370	2 to 3 feet.....	1.90	16.00	.....
50	3 to 4 feet.....	2.50	22.00	.....

grandiflora rosea, Bride. 12-15 ft.

Flowers bright pink, April-May. One of the best pink upright honeysuckles. Hardy, strong, upright grower.

390	12 to 18 inches.....	.80	7.00	60.00
200	18 to 24 inches.....	1.20	10.00	.....
300	2 to 3 feet.....	1.70	14.00	120.00
490	3 to 4 feet.....	2.10	18.00	150.00
290	4 to 5 feet.....	2.40	20.00	.....

korolkowi floribunda. 8-10 ft.

Broad blueleaf honeysuckle. Beautiful foliage, white flowers.

80	12 to 18 inches.....	1.90	16.00	.....
40	2 to 3 feet.....	3.50	30.00	.....

ORNAMENTAL SHRUBS—Continued

HONEYSUCKLE, *Lonicera*—ContinuedMorrow Honeysuckle, *morrowi*. 7-8 ft.

Spreading habit, attractive foliage. White flowers, May-June. Red berries.

		Per 10	Per 100	Per 1000
570	12 to 18 inches.....	\$ 0.80	\$ 7.00	\$ 60.00
520	18 to 24 inches.....	1.20	10.00	85.00
600	2 to 3 feet.....	1.70	14.00	120.00
1290	3 to 4 feet.....	2.10	18.00	150.00
150	4 to 5 feet.....	2.40	20.00	.....

tatarica rosea, Pink Tatarian Honeysuckle. 10-12 ft.

Hardy, vigorous grower. Pink flowers, April-May, red fruit.

140	18 to 24 inches.....	1.20	10.00	.....
200	2 to 3 feet.....	1.70	14.00	120.00
890	3 to 4 feet.....	2.10	18.00	150.00
50	4 to 5 feet.....	2.40	20.00	.....

tatarica rubra, Red Tatarian Honeysuckle. 8-10 ft.

Very hardy, upright. Flowers April-May, rosy pink. Bright red fruit.

190	12 to 18 inches.....	.80	7.00	.....
120	18 to 24 inches.....	1.20	10.00	.....
480	2 to 3 feet.....	1.70	14.00	120.00
520	3 to 4 feet.....	2.10	18.00	150.00

HONEYSUCKLE (Also see Hedging)

HYDRANGEA *arborescens grandiflora*, Snowhill. 3-6 ft.

Large, double white flowers June-July. Thrives in shady places.

160	12 to 18 inches.....	1.40	12.00	.....
190	18 to 24 inches.....	2.00	16.00	.....
160	2 to 3 feet.....	2.40	20.00	...
190	3 to 3½ feet.....	3.20	27.00	.....

paniculata grandiflora, Peegee Hydrangea. 8-10 ft.

A very hardy shrub with large trusses of showy double white flowers, blending into pink and bronze shades of autumn. July-October.

1800	12 to 18 inches.....	1.40	12.00	100.00
1100	15 to 18 inches.....	1.70	14.00	120.00
740	18 to 24 inches.....	2.00	16.00	.....
790	2 to 3 feet.....	2.40	20.00	.....
60	2½ to 3 feet, heavy.....	2.70	24.00	.....
220	3 to 3½ feet.....	3.20	27.00	.....

HYPERICUM *aureum*, Golden St. Johnswort.

Hardy shrub with bright yellow flowers. July-August.

260	18 to 24 inches.....	2.10	18.00	.....
170	2 to 3 feet.....	2.90	25.00	.....

ILEX *verticillata*, Winterberry. 4-6 ft.

Bright red berries which remain until midwinter.

100	12 to 18 inches.....	1.90	16.00	.....
490	18 to 24 inches.....	2.50	22.00	.....
260	2 to 3 feet.....	3.50	30.00	.....

KERRIA *japonica*, Single Japanese Kerria. 4-5 ft.

Single flowering form of above. Hardier than the double variety.

270	9 to 12 inches.....	1.70	14.00	.....
40	12 to 18 inches.....	2.00	....	.....

KOLKWITZIA *amabilis*, Beauty Bush. 4-6 ft.

A graceful shrub, covered with small pink flowers in May.

500	12 to 18 inches.....	1.70	14.00	.....
100	18 to 24 inches.....	2.40	20.00	.....
100	2 to 3 feet.....	2.90	25.00	.....
140	3 to 4 feet.....	3.70	32.00	.....

LESPEDeza, *formosa*, Purple Bushclover (*Desmodium penduliflorum*)

An herbaceous perennial shrub with attractive purple flowers in September.

100	2-year, Medium	1.80	15.00	.....
320	2-year, No. 1.....	2.40	20.00	.....
180	3-year, No. 1	2.90	25.00	.....

ORNAMENTAL SHRUBS—Continued

LILAC, *Syringa*. 12-15 ft.

French Lilacs, Named Varieties.

Valuable, hardy hybrids. Popular on account of attractive flowers of various colors and foliage. Height to fifteen feet according to variety and soil.

		Per 10	Per 100	Per 1000
12 to 18 inches.....		\$ 2.50	\$22.00	\$
18 to 24 inches.....		3.50	30.00	.....
2 to 3 feet.....		4.50	40.00	.....
2½ to 3 feet.....		5.00	45.00	.....
3 to 4 feet.....		6.00	55.00	.....
d—double s—single	3-4 2½-3 2-3 18-24 12-18			
Abel Carriere, d cobalt blue.....	...	...	...	80
Alphonse Lavalle, d light purple.....	...	25	30	140 130
Chas. Joly, d purple.....	...	...	...	300 120
*Chas. X, s reddish purple.....	...	100	90	100 ...
Edouard Andre, d mauve pink.....	...	...	...	35 ...
General Pershing, d light blue.....	...	...	30	65 ...
Hugo Koster, s reddish purple.....	7	...	12	40 ...
Jan Van Tol, s white.....	...	...	...	20 10
Lucie Baltet, s reddish pink.....	...	...	40	... ..
M. C. Perier, d white.....	...	30	50	50 ...
Mme. Lemoine, d white.....	20	...	20	200 ...
Marc. Michael, d blue.....	40	...	110	80 40
Marie LeGraye, s white.....	15	...	...	80 ...
Michael Buchner, d lavender.....	...	40	...	80 ...
Mrs. W. E. Marshall, s purplish crimson.....	...	...	...	60 ...
Pres. Grevy, d reddish blue.....	...	90	100	140 200
Pres. Poincare, d purplish red.....	40	...	40	150 70
Rhum Von Horstenstein, s purple.....	12	...	130	160 60
Souv. de Ludwig Spaeth, s purplee.....	...	...	...	... 290
Victor Lemoine, d pinkish purple.....	8	...	...	35 25
Waldeck-Rosseau, d rose.....	...	...	...	35 25

*Variety 5c less on each grade.

Chinese, *rothomagensis*. 8-10 ft.

Generally grown and sold for Persian Lilac. Upright, vigorous grower. Reddish purple flowers, April-May. One of the best for general planting on account of its free blooming qualities and hardiness.

		Per 10	Per 100	Per 1000
190 18 to 24 inches.....		\$ 1.70	\$14.00	\$
900 2 to 3 feet.....		2.25	19.00	160.00
800 2½ to 3 feet.....		2.40	21.00	180.00
400 3 to 4 feet.....		2.60	22.50	200.00
40 4 to 5 feet.....		3.00	....	.....

Common Purple, *vulgaris*. 12-18 ft.

Hardy, popular shrub. Blooms freely. Purplish, single lilac flowers in large panicles. April-May.

		Per 10	Per 100	Per 1000
400 9 to 12 inches.....		\$ 0.60	\$ 5.00	\$
500 12 to 18 inches.....		.80	7.00	60.00
490 18 to 24 inches.....		1.10	9.00	80.00
550 2 to 3 feet.....		1.55	13.00	110.00
130 2½ to 3 feet.....		1.90	16.00	.....
100 3 to 3½ feet.....		2.10	18.00	.....

Common White, *vulgaris alba*. 12-15 ft.

Hardy, vigorous shrub. Attractive foliage, single white flowers.

300 9 to 12 inches.....	.70	6.00	.....
370 18 to 24 inches.....	1.40	12.00	.....
20 2½ to 3 feet, heavy.....	2.20	....	.....

Dr. Breiten Schneider. 8-10 ft.

Hardy upright grower. Large attractive leaves. Beautiful fragrant lavender flowers. Villosa type, blooms late.

180 18 to 24 inches.....	2.40	20.00	.....
110 2 to 3 feet.....	2.90	25.00	.....
25 2½ to 3 feet, heavy.....	3.50	....	.....

josikaea, *Hungarian Lilac*. 8-10 ft.

Upright grower, attractive dark green foliage, dark violet flowers. June.

40 12 to 18 inches.....	1.70	14.00	.....
90 18 to 24 inches.....	2.10	18.00	.....
40 2 to 3 feet.....	2.50	22.00	.....

ORNAMENTAL SHRUBS—Continued

LILACS—Continued

Persian Purple, persica. 8-10 ft.

Spreading habit. Slender arching branches with small leaves. Pale lilac flowers, poor quality. April-May. Chinese or Rothomagensis far superior.

		Per 10	Per 100	Per 1000
360	2 to 3 feet.....	\$ 2.10	\$18.00	\$
100	3 to 4 feet.....	2.50	22.00	.....

Persian White, persica alba.

Similar in habit and growth to Persian Purple, with fragrant white flowers. May-June.

80	3 to 4 feet.....	4.00	35.00
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Rubra de Marley, vulgaris variety. 10-12 ft.

An improved strain of vulgaris lilac, often classed as a hybrid variety, producing a mass of single, rich, reddish purple flowers. Hardy and vigorous grower.

590	18 to 24 inches.....	2.00	16.50	140.00
1140	2 to 3 feet.....	2.40	21.00	180.00
110	2½ to 3 feet, heavy.....	2.70	24.00	.....

villosa, Late Lilac. 8-10 ft.

Bushy, compact grower. Large, attractive leaves, pale pink flowers, June.

20	2 to 3 feet.....	2.90	25.00	.....
70	2½ to 3 feet, heavy.....	3.50	30.00	.....
20	3 to 4 feet.....	4.00	35.00	.....

PHILADELPHUS, Mockorange (Syringa)**Banniere. 7-8 ft.**

Blooms semi-double, pure white flowers in May.

70	18 to 24 inches.....	1.70	14.00	.....
130	2 to 3 feet.....	2.10	18.00	.....

Bouquet Blanc. 4-5 ft.

Blooms freely in May and June. Very fragrant.

190	12 to 18 inches.....	1.20	10.00	.....
200	18 to 24 inches.....	1.70	14.00	.....

coronarius, Sweet Mockorange (Garland Syringa). 8-10 ft.

A popular well known, hardy shrub. White, fragrant flowers in May-June.

900	12 to 18 inches.....	.65	5.60	50.00
1100	18 to 24 inches.....	1.00	8.50	75.00
790	2 to 3 feet.....	1.40	12.00	100.00
590	3 to 4 feet.....	2.10	18.00	150.00

Gordon, gordonianus. 8-10 ft.

Slightly fragrant. Late blooming.

150	18 to 24 inches.....	1.00	8.50	.....
690	2 to 3 feet.....	1.40	12.00	100.00
700	3 to 4 feet.....	2.10	18.00	150.00
35	4 to 5 feet.....	2.50	.....	.....

grandiflorus, Large Flowering Mockorange. 10-12 ft.

Hardy, vigorous, upright grower producing an abundance of large flowers May-June. Not fragrant.

220	12 to 18 inches.....	.70	6.00	.....
300	18 to 24 inches.....	1.10	9.00	80.00
250	2 to 3 feet.....	1.40	12.00	100.00
90	3 to 4 feet.....	2.10	18.00	.....

lemoinei, Lemoine Mockorange. 4-5 ft.

Semi-dwarf with attractive foliage, producing dense racemes of small fragrant white flowers.

120	12 to 18 inches.....	.80	7.00	.....
700	18 to 24 inches.....	1.20	10.00	85.00
900	2 to 2½ feet.....	1.70	14.00	120.00
1100	2½ to 3 feet.....	2.10	18.00	150.00
180	3 to 3½ feet.....	2.50	22.00	.....

pyramidal. 10-12 ft.

Tall pyramidal grower. Semi-double flowers, May-June. Valuable.

130	18 to 24 inches.....	1.80	15.00	.....
130	2 to 3 feet.....	2.40	20.00	.....

ORNAMENTAL SHRUBS—Continued .

PHILADELPHUS, Mock Orange—Continued

Virginal. 7-8 ft.

Medium grower. Loads down with beautiful fragrant semi-double flowers over a long season, beginning in May.

		Per 10	Per 100	Per 1000
1000	12 to 18 inches.....	\$ 1.40	\$12.00	\$100.00
500	18 to 24 inches.....	2.25	19.00	160.00
500	2 to 3 feet.....	2.80	24.00	220.00
490	2½ to 3 feet, heavy.....	3.10	27.00	.....
400	3 to 3½ feet.....	3.50	30.00	.....

PHYSOCARPUS opulifolius, Common Ninebark. 8-10 ft.

Very hardy. White flowers in May-June, followed by attractive brownish-red pods.

120	2 to 3 feet.....	1.70	14.00	.....
50	3 to 4 feet.....	2.10	18.00	.....
15	4 to 5 feet.....	2.50	.....	.....

Goldleaf Ninebark (Spirea aureus). 8-10 ft.

Golden leaved variety producing white flowers in May-June.

450	12 to 18 inches.....	.80	7.00	.....
700	18 to 24 inches.....	1.20	10.00	.....
1100	2 to 3 feet.....	1.70	14.00	120.00
275	3 to 4 feet.....	2.10	18.00	.....

opulifolius nana, Dwarf Ninebark. 4-5 ft.

Dwarf form, dense grower. Very attractive foliage and flowers, May-June, followed by numerous small red pods. A valuable, hardy, low growing shrub.

1000	9 to 12 inches.....	.80	7.00	60.00
600	12 to 18 inches.....	1.20	10.00	85.00
250	18 to 24 inches.....	1.70	14.00	.....

PHOTINIA villosa, Redberried Photinia. 12-15 ft.

Flowers white, June. Rich, scarlet berries profusely borne in autumn. Splendid foliage for color and texture.

60	12 to 18 inches.....	1.20	10.00	.....
60	18 to 24 inches.....	1.80	15.00	.....
100	2 to 3 feet.....	2.40	20.00	.....

PRIVET—Ligustrum

We are large growers of Privet Amoor River North, quality stock. Can make special grades if desired. Write us regarding your wants.

Amoor North, amurense. 12-15 ft.

Used extensively. Valuable, hardy, hedge plant with rich attractive foliage.

		Per 10	Per 100	Per 1000
16000	9 to 12 inches, branched.....	\$	\$ 1.90	\$ 16.00
6000	12 to 18 inches, 2 canes.....	....	2.40	20.00
22000	12 to 18 inches, 3 canes and up.....	....	2.90	25.00
22000	18 to 24 inches, 2 canes.....	....	2.90	25.00
29000	18 to 24 inches, 3 canes and up.....	....	3.50	30.00
11000	2 to 3 feet, 2 and 3 canes.....	....	3.50	30.00
24000	2 to 3 feet, 4 canes and up.....	....	4.00	36.00
9000	2 to 3 feet, 5 canes and up.....	....	5.00	45.00
3000	3 to 4 feet, 4 canes and up.....	....	6.50	55.00
1000	3 to 4 feet, 5 canes and up.....	....	7.50	65.00

European, Vulgare. 6-8 ft.

Dark green foliage, creamy white flowers, June-July, blue-black berries.

1000	18 to 24 inches.....70	60.00
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Ibollum, Hardy California. 8-10 ft.

Upright, vigorous, with foliage similar to California but much hardier.

1500	9 to 12 inches.....	.....	1.80	15.00
600	2 to 3 feet.....	.....	4.00	35.00

Ibota. 8-10 ft.

Spreading habit. Blooms freely June-July. Attractive black berries.

5000	9 to 12 inches, branched.....	.....	2.40	20.00
1500	12 to 18 inches.....	.....	3.50	30.00
550	3 to 4 feet.....	.....	10.00	.....

Regal. 6-8 ft.

Low growing dense shrub with horizontal, spreading branches. Fine, hardy hedge plant. Grown from cuttings.

3000	9 to 12 inches.....	.....	8.00	70.00
4000	12 to 18 inches.....	.....	12.00	100.00
1100	18 to 24 inches.....	.....	18.00	150.00

Thompsons

Rapid, bushy growth with dark green foliage.

400	12 to 18 inches.....	4.00	35.00
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ORNAMENTAL SHRUBS—Continued

PRUNUS, Ornamental Plums. (See Deciduous Trees.)**PURPLE FRINGE. (See Rhus.)****RHODOTYPOS kerrioides, Jetbead (White Kerria). 4-5 ft.**

Distinct shrub. Bright green foliage. Single white flowers, April-May. Black shiny fruit in autumn and winter.

		Per 10	Per 100	Per 1000
300	18 to 24 inches.....	\$ 1.20	\$10.00	\$
200	2 to 3 feet.....	1.80	15.00	.....
70	2½ to 3 feet, heavy.....	2.50	22.00	.....
70	3 to 4 feet.....	2.90	25.00	.....

RHUS canadensis, Fragrant Sumac. (Aromatica.) 5-6 ft.

Aromatic shrub. Small yellowish flowers, April-May, followed by red berries.

420	12 to 18 inches.....	1.70	14.00	.....
460	18 to 24 inches.....	2.10	18.00	.....
200	2 to 3 feet.....	2.90	25.00	.....

cotinus (Purple Fringe). 10-15 ft.

Rapid grower producing masses of filmy, smoky panicles of flowers, July-August, making a fine specimen.

250	12 to 18 inches.....	2.40	20.00	.....
90	18 to 24 inches.....	3.50	30.00	.....

glabra, Smooth Sumac. 6-10 ft.

Of dwarfish habit, producing bunches of crimson berries, August-September.

850	18 to 24 inches.....	1.20	10.00	85.00
900	2 to 3 feet.....	1.70	14.00	120.00
1200	3 to 4 feet.....	2.10	18.00	150.00
500	4 to 5 feet.....	2.40	21.00	180.00

Shredded or Fern-Leaved Sumac, typhina laciniata. 10-12 ft.

Rapid grower, attractive, long feathery leaves finely cut.

270	12 to 18 inches.....	1.20	10.00	.....
70	2 to 3 feet.....	2.10	18.00	.....
70	3 to 4 feet.....	2.90	25.00	.....
100	4 to 5 feet.....	3.50	30.00	.....

typhina, Staghorn Sumac. 15-25 ft.

Greenish flowers in dense terminal panicles, clusters of crimson berries.

70	3 to 4 feet.....	2.10	18.00	.....
90	5 to 6 feet.....	3.20	28.00	.....

RIBES alpinum, Mountain Currant. 6-8 ft.

A hardy, dense shrub suitable for hedges or mass planting. Small greenish flowers, April-May. Scarlet fruit.

50	9 to 12 inches.....	1.40	12.00	.....
140	12 to 15 inches.....	2.10	18.00	.....
170	15 to 18 inches.....	2.50	22.00	.....

odoratum, Golden Currant (Aureum). 6-8 ft.

Rapid, upright grower producing fragrant yellow flowers in April-May.

50	18 to 24 inches.....	1.70	14.00	.....
170	2 to 3 feet.....	2.10	18.00	.....
160	3 to 4 feet.....	2.90	25.00	.....

ROSE ACACIA, Robinia hispida, (Grafted stock). 6-8 ft.

Branches covered with rosy pink, attractive flowers, April-May.

50	18 to 24 inches.....	2.10	18.00	.....
40	2 to 3 feet.....	2.90	25.00	.....

SNOWBALL. (See Viburnum.)**SORBARIA, sorbifolia, Ural False Spirea. 5-6 ft.**

Leaves out very early in the spring, showing very attractive foliage, followed with large, fluffy heads of white flowers, June-July.

300	2 to 2½ feet.....	1.90	16.00	.....
110	2½ to 3 feet.....	2.40	20.00	.....
180	3 to 3½ feet.....	2.90	25.00	.....

stellipila, Starry False Spirea. 5-6 ft.

Handsome, upright shrub with attractive bright green foliage blooming similar but shortly after sorbifolia. Carries better foliage. July.

45	2 to 3 feet.....	2.10	18.00	.....
60	3 to 4 feet.....	2.50	22.00	.....

SPIREA, Anthony Waterer. 3-4 ft.

A valuable dwarf shrub, bright red flowers, June-September.

160	12 to 15 inches.....	1.10	9.00	.....
790	15 to 18 inches.....	1.40	12.00	.....
290	2 to 2½ feet.....	2.40	20.00	.....

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

arguta, Garland Spirea. 5-6 ft.
Upright, hardy shrub, small light green leaves covered with single white flowers, April-May. There are a number of hybrids varying in habit of growth.

		Per 10	Per 100	Per 1000
240	18 to 24 inches.....	\$ 1.10	\$ 9.00	\$
150	2 to 3 feet.....	1.40	12.00	.....
300	3 to 3½ feet.....	1.80	15.00	.....

Billiard Spirea, *billardi*. 5-6 ft.
Bright pink flowers in spikes, July-September.

1000	9 to 12 inches.....	.60	5.00	40.00
1500	12 to 18 inches.....	.65	6.00	50.00
1400	18 to 24 inches.....	1.00	8.50	75.00
1700	2 to 3 feet.....	1.40	12.00	100.00
400	3 to 4 feet.....	1.90	16.00	.....

bumalda superba. 3-5 ft.
A new dwarf variety. Vigorous and hardy as Froebel; more upright. Bright pink flowers, beautiful purplish foliage, in autumn.

550	12 to 15 inches.....	.70	6.00	.....
330	15 to 18 inches.....	.95	8.00	.....
300	18 to 24 inches.....	1.40	12.00	.....
60	2 to 2½ feet.....	1.90	16.00	.....

Froebel Spirea. 4 ft.
Vigorous, spreading grower. Bright pink flowers, May-June. Purplish tips in spring. Beautiful autumn colors. Very hardy. Used extensively.

130	9 to 12 inches.....	.50	4.50	.....
670	12 to 18 inches.....	.80	7.00	60.00
590	18 to 24 inches.....	1.20	10.00	85.00
670	2 to 2½ feet.....	1.70	14.00	120.00
75	2½ to 3 feet.....	2.10	18.00	.....

Japanese White, *japonica ovalifolia (callosa alba)*. 3 ft.
Dwarf grower, dark green foliage, free bloomer, white flowers, June-September.

400	9 to 12 inches.....	.70	6.00	.....
300	12 to 15 inches.....	1.15	9.00	.....
70	15 to 18 inches.....	1.40	12.00	.....
75	18 to 24 inches.....	1.90	16.00	.....

Korean, *trichocarpa*. 5 ft.
New hardy Spirea. Similar to Van Houtte; blooms a little later and the flowers are larger.

250	12 to 18 inches.....	.70	6.00	.....
360	18 to 24 inches.....	.95	8.00	.....
470	2 to 3 feet.....	1.40	12.00	.....
40	3 to 4 feet.....	1.80	15.00	.....

opulifolius, Ninebark. (See *Physocarpus*.)

prunifolia, Double Bridalwreath. 5-6 ft.
Small plum-like leaves, double white flowers blooming profusely. Hardy.

20	12 to 18 inches.....	1.50	.....	.....
50	18 to 24 inches.....	2.10	18.00	.....
90	3 to 4 feet.....	4.00	35.00	.....

Sorbifolia. (See *Sorbaria*.)

Thunberg Spirea, *thunbergi*. 3-4 ft.
Low growing shrub with slender spreading branches. Feathery, bright green foliage. Snow white flowers, April.

50	12 to 18 inches.....	1.00	8.50	.....
200	18 to 24 inches.....	1.40	12.00	.....
500	2 to 2½ feet.....	2.10	18.00	150.00
330	2½ to 3 feet.....	2.40	20.00	.....
50	3 to 4 feet.....	3.00	.....	.....

Vanhoutte Spirea. 5-6 ft.
Well known, popular shrub. Graceful habit of growth. Sometimes called Bridalwreath. Pure white flowers, April-May. Blooms profusely.

700	12 to 18 inches.....	.40	3.50	.....
1100	18 to 24 inches.....	.60	5.00	.....
1000	2 to 3 feet.....	.80	7.00	.....
400	3 to 4 feet.....	1.40	12.00	.....
350	4 to 5 feet.....	1.90	16.00	.....

SYMPHORICARPOS Snowberry

chenaulti, Improved Coral Berry. 6-8 ft.
New; very small leaves; graceful arching branches; pink flowers, red fruit.

180	18 to 24 inches.....	1.10	9.00	.....
150	2 to 3 feet.....	1.40	12.00	.....
70	3 to 3½ feet.....	1.90	16.00	.....

ORNAMENTAL SHRUBS—Continued

SYMPHORICARPOS Snowberry—Continued

mollis, Spreading Snowberry. 4-5 ft.

Attractive foliage, pink flowers, June-July. Large white fruit; hardy.

		Per 10	Per 100	Per 1000
70	18 to 24 inches.....	\$ 1.10	\$ 9.00	\$
180	2 to 3 feet.....	1.40	12.00	.....

racemosus, Common Snowberry. 3-5 ft.

Attractive green foliage, pink flowers, June-July. Large white fruit in clusters in autumn.

300	12 to 18 inches.....	.65	5.60	50.00
700	18 to 24 inches.....	1.00	8.50	75.00
800	2 to 3 feet.....	1.40	12.00	100.00
400	3 to 3½ feet.....	1.90	16.00	.....

vulgaris, Coralberry (Red Snowberry). 4-6 ft.

Hardy native shrub. Succeeds everywhere. Coral red berries in autumn and winter.

200	12 to 18 inches.....	.65	5.60	50.00
600	18 to 24 inches.....	1.00	8.50	75.00
500	2 to 3 feet.....	1.40	12.00	100.00

TAMARIX

Grown chiefly for its fine, graceful foliage and showy panicles of flowers.

Green foliage varieties, 12 to 18 inches.....	\$ 0.65	\$ 5.60	\$ 50.00
" " " 18 to 24 inches.....	1.00	8.50	75.00
" " " 2 to 3 feet.....	1.40	12.00	100.00
" " " 3 to 4 feet.....	2.00	16.50	140.00

	3-4	2-3	18-24	12-18
Africana	100	200	70	200
Indica	150	300	100	...
Tetandra Purpurea	20	200	100	...

	Per 10	Per 100	Per 1000
Silver foliage varieties, 12 to 18 inches.....	\$ 0.80	\$ 7.00	\$ 60.00
" " " 18 to 24 inches.....	1.25	10.50	90.00
" " " 2 to 3 feet.....	1.70	14.00	120.00
" " " 3 to 4 feet.....	2.10	18.00	150.00
" " " 4 to 5 feet.....	2.50	22.00	.....

	4-5	3-4	2-3	18-24	12-18
Amurensis	35	280	300	300	350
Hispida	50	390	1900	970	600
Odessana .....	...	150	250	490	500

VIBURNUM, americanum, American Cranberrybush. 8-12 ft.

Handsome shrub, single white flowers in April-May. Bright scarlet berries hanging until spring. Edible.

	Per 10	Per 100	Per 1000
225 9 to 12 inches.....	\$ 1.20	\$10.00	\$
250 12 to 18 inches.....	1.90	16.00	.....
300 18 to 24 inches.....	2.50	22.00	.....
120 2 to 3 feet.....	3.20	28.00	.....

dentatum, Arrowwood. 10-12 ft.

Attractive foliage, white flowers, April-May, followed by bluish-black fruit.

285 12 to 18 inches.....	1.20	10.00	.....
600 18 to 24 inches.....	1.85	15.50	130.00
1400 2 to 3 feet.....	2.40	20.00	170.00
400 3 to 4 feet.....	2.90	25.00	.....

lantana, Wayfaring Tree. 10-15 ft.

Upright. Attractive deep green leaves, single white flowers, May. Bright red fruit changing to black.

50 12 to 18 inches.....	1.40	12.00	.....
380 18 to 24 inches.....	2.10	18.00	150.00
560 2 to 3 feet.....	2.60	22.50	200.00
490 3 to 4 feet.....	3.20	28.00	250.00
100 4 to 5 feet.....	3.70	32.00	.....

lentago, Nannyberry. 18-20 ft.

Large growing upright shrub or small tree. Single white flowers in May. Shining green leaves. Large blue-black fruit.

110 12 to 18 inches.....	1.70	14.00	.....
230 18 to 24 inches.....	2.90	25.00	.....
100 2 to 3 feet.....	4.00	35.00	.....
60 3 to 4 feet.....	5.00	45.00	.....

molle, Kentucky Viburnum. 8-10 ft.

Similar to Dentatum. Of slower growth and more attractive foliage. Single white flowers, April-May. Blue-black fruit.

100 12 to 18 inches.....	1.20	10.00	.....
170 18 to 24 inches.....	1.80	15.00	.....
100 2 to 3 feet.....	2.40	20.00	.....
110 3 to 4 feet.....	2.90	25.00	.....

ORNAMENTAL SHRUBS—Continued

VIBURNUM—Continued

opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.

Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.

		Per 10	Per 100	Per 1000
180	12 to 18 inches.....	\$ 1.90	\$16.00	\$
275	18 to 24 inches.....	2.50	22.00	.....
100	2 to 3 feet.....	3.20	28.00	.....

opulus sterilis, Common Snowball. 10-12 ft.

Popular shrub. Blooms profusely. Large double white flowers, April-May.

140	12 to 18 inches.....	1.80	15.00	.....
170	18 to 24 inches.....	2.40	20.00	.....

pubescens, Downy Viburnum. 3-6 ft.

Dwarf grower with greenish white flowers followed by black fruit.

260	12 to 18 inches.....	1.80	15.00	.....
60	18 to 24 inches.....	2.50	22.00	.....
20	2 to 3 feet.....	3.20	28.00	.....

VITEX macrophylla, Big Leaved Chaste Tree. 3-6 ft.

Semi-dwarf hardy form of Vitex with attractive lavender-blue flowers. July to frost.

150	18 to 24 inches.....	1.40	12.00	.....
250	2 to 3 feet.....	1.90	16.00	.....

WEIGELA

Dwarf Variegated, Variegated Leaf Weigela. 4-5 ft.

Growth dwarf, compact, variegated leaves. Light pink flowers, May-June.

140	18 to 24 inches.....	1.70	14.00	.....
360	2 to 3 feet.....	2.10	18.00	.....

Eva Rathke, Red Flowered Weigela. 4-5 ft.

Blooms profusely, producing brilliant crimson flowers, May-June.

600	12 to 18 inches.....	1.40	12.00	.....
500	18 to 24 inches.....	2.10	18.00	.....
400	2 to 3 feet.....	2.50	22.00	.....
260	3 to 4 feet.....	4.00	35.00	.....

floribunda, Crimson Weigela. 6-8 ft.

Blooms freely; crimson flowers, May-June.

160	12 to 18 inches.....	1.40	12.00	.....
100	18 to 24 inches.....	1.80	15.00	.....
100	2 to 3 feet.....	2.40	20.00	.....
280	3 to 4 feet.....	3.20	28.00	.....

rosea, Pink Weigela. 6-8 ft.

Popular shrub with beautiful showy pink flowers, May-June.

400	12 to 18 inches.....	.80	7.00	60.00
1270	18 to 24 inches.....	1.20	10.00	85.00
1100	2 to 3 feet.....	1.70	14.00	120.00
400	3 to 4 feet.....	2.10	18.00	.....

HEDGING

Lighter stock than regular grade of shrubs; good hedging grades.

BARBERRY, thunbergi, Japanese Barberry

10000	6 to 9 inches, 1 year seedlings	\$ 0.60	\$ 5.00
4000	9 to 12 inches, 2 year seedlings, branched.....	1.00	9.00
28000	12 to 18 inches, 2 year seedlings, branched.....	2.10	18.00
4000	9 to 12 inches, transplanted, 2 year branched.....	2.90	25.00
6000	12 to 15 inches, transplanted, 2 year branched, bushy....	4.50	40.00

BARBERRY, Red Leaved, atropurpurea

1700	6 to 9 inches.....	2.60	22.00
700	9 to 12 inches, 2 year seedlings, branched.....	3.50	30.00
3500	12 to 15 inches, 2 year seedlings, branched.....	5.00	45.00
2500	15 to 18 inches, 2 year seedlings, branched.....	7.00	60.00

BUCKTHORN, Rhamnus cathartica. (See Deciduous Tree Seedlings.)

CARAGANA arborescens, Siberian Peatree. (See Deciduous Tree Seedlings.)

HONEYSUCKLE, Lonicera, upright hardy varieties.

Tatarian, Pink, Red, White.

2100	9 to 12 inches.....	2.90	25.00
700	12 to 18 inches.....	4.00	35.00
1800	18 to 24 inches.....	5.60	50.00

MULBERRY, RUSSIAN. (See Deciduous Tree Seedlings.)

PRIVET. (See Shrubs.)

RUSSIAN OLIVE. (See Deciduous Tree Seedlings.)

SPIREA, Van Houtte.

10000	6 to 12 inches.....	1.50	12.00
7000	10 to 15 inches.....	2.10	18.00
4000	18 to 24 inches.....	4.00	35.00

VINES

Tied, 2-year Medium, 25; 2-year No. 1, 10; 3-year, 5 per bundle.

AMPELOPSIS, Boston Ivy, tricuspidata (Veitchi). 40-50 ft.

Beautiful foliage in spring and summer changing to crimson-scarlet in autumn. Clings tight to brick, stone or concrete walls. Succeeds best in this latitude on north or east side.

		Per 10	Per 100	Per 1000
700	2 year Medium	\$ 1.40	\$12.00	\$100.00
1700	2 year No. 1	2.10	18.00	150.00
200	3 year No. 1	2.40	20.00	.....

Engleman Creeper, englemanni. 30-40 ft.

A good hardy, clinging vine with smaller leaves than Virginia Creeper. More brilliant coloring in autumn.

4000	2 year Medium .....	.80	7.00	60.00
5000	2 year No. 1	1.15	9.00	80.00
1500	3 year No. 1	1.40	12.00	.....

St. Paul Creeper, saintpauli.

An improved type of englemanni.

150	2 year Medium.....	1.10	9.00	.....
180	2 year No. 1	1.40	12.00	.....

Virginia Creeper, quinquefolia. 30-40 ft.

A rapid growing, hardy vine suitable for covering trellises, stone walls and verandas.

1000	2 year Medium .....	.65	5.60	50.00
1000	2 year No. 1 .....	.95	8.00	70.00
300	3 year No. 1	1.20	10.00	.....

ARISTO tomentosa, Pipe Vine. 20-35 ft.

Flowers yellow, leaves much smaller than a Siphon.

300	2 year Medium	1.40	12.00	.....
1200	2 year No. 1	1.90	16.00	.....

siphon, Dutchmans Pipe. 30-40 ft.

Rapid growing hardy vine with large attractive round leaves. Odd shaped, brownish flowers resembling pipes in May-June.

200	2 year Medium	3.50	30.00	.....
400	2 year No. 1	4.50	40.00	.....

BIGNONIA, radicans, Trumpet Vine. 20-30 ft.

Upright growing vine. Trumpet shaped, scarlet flowers. July-August.

1200	2 year Medium	1.10	9.00	.....
400	2 year No. 1	1.40	12.00	.....
60	3 year No. 1	1.80	15.00	.....

CELASTRUS, orbiculatus, Oriental Bittersweet. 30-40 ft.

Rapid growing, twining vine. Bright orange berries with scarlet seeds in autumn, hanging on late.

300	2 year Medium.....	1.20	10.00	.....
300	2 year No. 1	1.70	14.00	.....
120	3 year No. 1	2.10	18.00	.....

scandens, American Bittersweet. 20-25 ft.

Hardy vine producing bunches of red berries retaining their color a long period and popular for cutting and hanging in the home.

1490	2 year Medium	1.40	12.00	100.00
400	2 year No. 1.....	1.75	14.00	.....
60	3 year No. 1.....	2.10	18.00	.....

CHINESE MATRIMONY VINE, Lycium chinense. 12-15 ft.

Hardy, woody vine. Valuable for holding embankments. Purple flowers, scarlet berries.

100	2 year Medium.....	.80	7.00	.....
100	2 year No. 1	1.20	10.00	.....

CLEMATIS, Large Flowering. 10-15 ft.

Popular hybrids on account of the beautiful purple, red and white flowers.

3 inch pots, staked with 24 inch tops.....	2.90	25.00	.....
2 year Medium, dormant	2.90	25.00	.....
2 year No. 1, dormant.....	4.00	35.00	.....

	3-inch Pots	2 year Med.	2 year No. 1
Henryi, white	40	60	50
Jackmani, rich purple.....	300	590	600
Mme. Edouard Andre, red.....	60	200	100
Ramona, light blue.....	25	200	...

crispa, Curly Clematis. 3-4 ft.

A slender vine with purplish flowers. Fragrant.

	Per 10	Per 100	Per 1000
200 2 year No. 1.....	\$ 1.90	\$16.00	\$

VINES—Continued

CLEMATIS—Continued

paniculata, Sweet Autumn Clematis. 20-30 ft.			
A valuable climber, covered with white fragrant flowers in September.			
		Per 10	Per 100 Per 1000
400	2 year Medium	\$ 1.15	\$ 9.00 \$ 80.00
400	2 year No. 1.....	1.70	14.00 120.00
300	3 year No. 1.....	2.10	18.00 150.00
texensis, Scarlet Clematis (coccinea). 5-6 ft.			
Large, bell shaped, scarlet flowers. Attractive foliage.			
240	2 year No. 1.....	1.80	15.00

EUONYMUS

radicans, Wintercreeper. 5-6 ft.			
Evergreen, shining deep green foliage. Upright habit. Needs some protection.			
300	2 year Medium	2.40	20.00
300	2 year No. 1	2.90	25.00
80	3 year No. 1	3.50	30.00
radicans vegetus, Bigleaf Wintercreeper. 3-6 ft.			
Evergreen. Dark green, thick leaves, producing bright scarlet berries.			
150	2 year Medium	2.90	25.00
50	2 year No. 1	3.50	30.00

HEDERA helix, English Ivy.			
Semi-hardy evergreen vine. Best in shady locations. Needs protection.			
200	2½ inch pots.....	1.20	10.00

HONEYSUCKLE, Lonicera.

Gold Flame

Everblooming honeysuckle, blooming from early summer until killing frost. Showy, tubular flowers, with recurving petals, flame red outside, bright yellow inside. Very fragrant and hardy.			
200	2 year No. 1.....	3.50	30.00 250.00

Hall's Japan, japonica halleana. 20-25 ft.			
Rapid growing vine with beautiful foliage. Delightfully fragrant, creamy white flowers. Makes a fine hedge or covering for caves or unsightly places.			
3000	2 year Medium .....	.65	5.60 50.00
6000	2 year No. 1	1.00	8.50 75.00
1500	3 year No. 1	1.40	12.00 100.00

Heckrottii

Everblooming trumpet-shaped flowers. Fragrant, bright red outside, yellow inside. Hardy.			
300	2 year Medium.....	2.25	19.00 160.00

sempervirens, Scarlet Trumpet Honeysuckle. 20-30 ft.			
Upright grower. Dark green foliage. Long tubular scarlet flowers.			
900	2 year Medium	1.20	10.00
200	2 year No. 1	1.70	14.00
160	3 year No. 1	2.10	18.00

KUDZU VINE, Pueraria thunbergiana. 40-60 ft.			
Perennial. From a well established root will grow 40 to 60 feet in a single season. Flowers pea shaped, purple, late in season.			
100	2 year No. 1	1.20	10.00

WISTERIA, American frutescens. 20-25 ft.			
Tall, vigorous climber. Lilac purple flowers, June-July.			
3000	2 year Medium, grown from blooming wood.....	1.20	10.00 90.00
2800	2 year No. 1, grown from blooming wood.....	1.70	14.00 120.00
600	3 year No. 1, grown from blooming wood.....	2.25	19.00 160.00

Chinese, sinensis, Blue. 30-40 ft.			
Long clusters showy blue violet flowers. May.			
30	2 year Medium	1.70	14.00
20	2 year No. 1	2.10	18.00

Chinese white, sinensis alba. 30-40 ft.			
Long clusters showy white flowers. May.			
70	2 year Medium, from blooming wood.....	2.40	20.00
30	2 year No. 1, from blooming wood.....	2.90	25.00

EVERGREENS

Prices are for Evergreens Securely Balled and Burlapped.

Can dig Evergreens, roots puddled at the following reduction in price:

12 to 18 inches at 12c. 18 to 24 inches at 15c. 2 to 3 feet at 20c.

Our Evergreens have all been three times ~~xxx~~ transplanted, having been grown with plenty of room for development. Have been properly sheared and pruned for producing compact, symmetrical specimens.

Evergreens selected and tagged by customers in the nursery field will be subject to a 10% additional charge.

Height specified after variety indicates height tree should obtain at maturity.

We cannot assume responsibility for the successful transplanting of Evergreens, as weather conditions, method of handling and care govern results secured and are sold with the distinct understanding that if they arrive in good condition and are accepted, our responsibility ceases.

ARBOR VITAE, Thuja

OCCIDENTALIS WOODWARDI, Woodward's Globe. 2½-3 ft.

Per 10 Per 100

Forms a natural globe up to three feet in diameter. Foliage softer and slightly darker than other varieties. Of compact, even, regular shape.

270	12 x 12 inches.....	\$ 6.50	\$60.00
210	15 x 15 inches.....	8.50	80.00
20	18 x 18 inches.....	10.00	.....

ORIENTALIS, Chinese. 20-25 ft.

Pyramidal or bushy with ascending branches. Attractive foliage.

110	2 to 3 feet.....	8.00	75.00
100	3 to 4 feet.....	11.00	100.00
70	4 to 5 feet.....	14.00	125.00

FIR, Abies

PSEUDOTSUGA DOUGLASI, Douglas Fir. 70-80 ft.

A Colorado specie of rapid growth. Makes a large symmetrical tree. Foliage bluish-green. Very drought resisting and may be planted in dry soils where others cannot survive.

60	18 to 24 inches.....	10.00	.....
90	2 to 3 feet.....	14.00	.....
30	4 to 5 feet.....	25.00	.....
15	5 to 6 feet.....	35.00	.....
25	6 to 8 feet.....	45.00	.....
7	8 to 10 feet.....	60.00	.....

JUNIPER, Juniperus

CHINESE COLUMNARIS GLAUCA

Very rapid growing Evergreen. Forms a tall narrow column of blue foliage. Spire-like effect.

20	3 to 3½ feet.....	27.50	250.00
20	3½ to 4 feet.....	33.00	300.00
70	4 to 5 feet.....	37.50	.....

CHINENSIS ALBOVARIEGATA

A compact, upright variety of Chinese Juniper with white variegated tips appearing throughout the tree.

20	3 to 3½ feet, sheared upright.....	30.00	.....
10	3½ to 4 feet, sheared upright.....	35.00	.....

CHINENSIS FORTUNEI

Light green attractive foliage. Of broad irregular habit.

20	18 to 24 inches.....	10.00	.....
50	2 to 3 feet.....	12.50	.....

CHINENSIS PFITZERIANA, Pfitzer Juniper. 5-6 ft.

Handsome gray green foliage. A valuable hardy variety succeeding almost everywhere.

120	15 to 18 inches.....	15.50	140.00
390	18 to 24 inches.....	19.00	175.00
150	2 to 2½ feet.....	27.50	250.00
190	2½ to 3 feet.....	33.00	300.00
110	3 to 3½ feet.....	40.00	375.00

COMMUNIS ASHFORDI, Ashford Juniper. 10 ft.

Of open loose growth, branched at groundline. Short needles of silvery grayish green deepening into purple shades during winter.

150	12 x 12 inches.....	14.00	125.00
20	15 x 15 inches.....	15.00	.....

EVERGREENS—Continued

JUNIPER—Continued

COMMUNIS CANADENSIS, Canada Juniper. 2½-3 ft.

Low vase shaped habit of growth. Bright green foliage, light blue berries.

		Per 10	Per 100
200	15 to 18 inches.....	\$10.00	\$ 90.00
170	18 to 24 inches.....	12.50	115.00
190	2 to 3 feet.....	15.50	140.00
80	3 to 4 feet.....	19.00	175.00
30	4 to 5 feet.....	22.50	.....

COMMUNIS CANADENSIS DEPRESSA, Prostrate Juniper. 2-3 ft.

vigorous growing, low spreading habit. Needles gray-green above, silver white beneath. Dark purple berries.

35	15 to 18 inches.....	10.00	.....
40	18 to 24 inches.....	14.00	.....

COMMUNIS DEPRESSA PLUMOSA, Andorra Juniper. 2 ft.

A low growing spreading dwarf Evergreen. Beautiful silvery green in spring turning to rich purple-bronze in Autumn.

260	15 to 18 inches.....	11.00	100.00
270	18 to 24 inches.....	14.00	125.00
130	2 to 2½ feet.....	16.50	150.00
160	2½ to 3 feet.....	22.00	200.00
30	3 to 3½ feet.....	27.50	.....

COMMUNIS HIBERNICA, Irish Juniper. 7-8 ft.

Foliage glaucous green. An old, well known popular variety.

700	18 to 24 inches.....	10.00	85.00
350	2 to 3 feet.....	14.00	125.00

COMMUNIS SUECICA, Swedish Juniper. 5-6 ft.

Grayish-green prickly needles. Compact and pyramidal habit. Very hardy.

200	18 to 24 inches.....	10.00	85.00
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PROCUMBENS, Creeping Chinese Juniper

The best of creepers. Foliage bright bluish cast. Will grow anywhere.

50	15 to 18 inches.....	14.00	.....
60	18 to 24 inches.....	18.00	.....
150	2 to 2½ feet.....	25.00	225.00
80	2½ to 3 feet.....	28.00	250.00
18	3 to 3½ feet.....	32.50	.....

PROSTRATE

These superior low, dense growing strains of Prostrate Juniper are the best we have ever seen. Of Rocky Mountain origin, extremely hardy and very desirable for bank and ground covering. Color varying from green to silver. 6 to 8 inches in height.

90	15 to 18 inches.....	10.00	.....
150	18 to 24 inches.....	12.50	.....
65	2 to 2½ feet.....	17.50	.....
25	2½ to 3 feet.....	20.00	.....
10	3 to 3½ feet.....	25.00	.....

Admirabilis
Adpressus

Eximus
Subglaucus

SABINA, Savin Juniper. 3-4 ft.

Spreading form with slender branches and dark green leaves. Excellent for foundation work and for underplanting.

180	15 to 18 inches.....	14.00	125.00
320	18 to 24 inches.....	16.50	150.00
170	2 to 2½ feet.....	20.00	185.00
40	2½ to 3 feet.....	25.00	225.00
130	3 to 3½ feet.....	28.00	250.00
50	3½ to 4 feet.....	30.00	.....

SABINA HORIZONTALIS, Creeping Savin. 6-8 ft.

Trailing stems and upright spreading branches. Dark green foliage.

120	15 to 18 inches.....	9.00	85.00
160	18 to 24 inches.....	12.00	110.00
190	2 to 2½ feet.....	16.50	150.00
100	2½ to 3 feet.....	19.00	175.00
35	3 to 3½ feet.....	25.00	.....
25	4 to 5 feet.....	35.00	.....

EVERGREENS—Continued

JUNIPER—Continued

SCOPULORUM, Colorado Silver Juniper. 25-30 ft.

Silvery foliage and close symmetrical upright growth. Thrives in hot, dry weather, when the color is the brightest. Very hardy.

		Per 10	Per 100
300	18 to 24 inches.....	\$15.50	\$140.00
670	2 to 2½ feet.....	19.00	175.00
520	2½ to 3 feet.....	22.00	200.00
310	3 to 3½ feet.....	27.50	250.00
140	3½ to 4 feet.....	33.00	300.00
60	4 to 5 feet.....	37.50	.....

SCOPULORUM ARGENTEA, (Blue Moon)

Bushy, broad pyramid. One of the best of the "silvery-blue" varieties.

30	3 to 3½ feet.....	30.00	.....
6	4 to 5 feet.....	42.50	.....

SCOPULORUM CHANDLER SILVER

An improved variety of Scopulorum. Compact grower with good silvery color.

50	2 to 2½ feet.....	22.50	.....
30	2½ to 3 feet.....	27.50	.....
10	3 to 3½ feet.....	32.50	.....

VIRGINIANA, Red Cedar. 30-40 ft.

Platte River Strain. Upright growth, deep green foliage, sometimes silver. Excellent pyramidal tree if kept sheared. Can be sheared into any form.

670	18 to 24 inches.....	8.50	80.00
980	2 to 3 feet.....	11.00	100.00
340	3 to 3½ feet.....	15.50	140.00
170	3½ to 4 feet.....	18.00	165.00
3	12 to 14 feet.....	140.00	.....
4	14 to 16 feet.....	180.00	.....

VIRGINIANA BURKI, Burk's Juniper. 10-12 ft.

Distinct blue, forming a dense column. Winter coloring metallic purple.

80	2 to 2½ feet.....	20.00	.....
40	2½ to 3 feet.....	25.00	.....
30	3 to 3½ feet.....	30.00	.....

VIRGINIANA ELEGANTISSIMA LEE, Gold Tip Red Cedar

Dark green foliage. Golden tipped in Autumn.

25	18 to 24 inches.....	17.50	.....
15	2 to 2½ feet.....	22.50	.....
30	2½ to 3 feet, sheared upright.....	27.50	.....
30	3 to 3½ feet, sheared upright.....	32.50	.....

VIRGINIANA GLAUCA, Silver Red Cedar. 15-20 ft.

Of striking blue color all season. Growth rapid.

90	2 to 2½ feet.....	22.00	200.00
70	2½ to 3 feet.....	28.00	250.00
30	3 to 3½ feet.....	30.00	.....

VIRGINIANA GLOBOSA, Globe Red Cedar.

Compact Globose form with bright green scale-like foliage.

60	12x12 inches	10.00
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VIRGINIANA SCHOTTI. 12-15 ft.

Compact, formal, columnar habit of growth with fresh green foliage.

35	3 to 3½ feet.....	30.00	.....
30	3½ to 4 feet.....	35.00	.....

VIRGINIANA TRIPARTITA, Fountain Red Cedar. 3-4 ft.

A bushy spreading habit of growth with feathery silver branches.

20	18 to 24 inches.....	16.00	.....
25	2 to 2½ feet.....	20.00	.....
30	2½ to 3 feet.....	25.00	.....
30	3 to 3½ feet.....	30.00	.....
20	3½ to 4 feet.....	35.00	.....

WAUKEGAN JUNIPER, Horizontalis Douglasi. 1-1½ ft.

Steely-blue foliage. A splendid ground cover; also effective among rocks. Distinct purple hue in winter.

70	18 to 24 inches.....	12.50	.....
120	2 to 2½ feet.....	16.50	150.00
80	2½ to 3 feet.....	19.00	175.00
120	3 to 3½ feet.....	25.00	225.00
40	3½ to 4 feet.....	30.00	.....
50	4 to 5 feet.....	35.00	.....

EVERGREENS—Continued

PINE, Pinus

BANKSIANA, Jack Pine. 40-50 ft.

Most northern of all pines. Hardy and fast growing. Foliage bright green.

		Per 10	Per 100
90	2 to 3 feet.....	\$ 8.00	\$ 75.00
30	3 to 4 feet.....	10.00	.....
40	4 to 5 feet.....	17.50	.....
120	5 to 6 feet.....	25.00	.....
50	6 to 8 feet.....	35.00	.....

NIGRA, Austrian Pine. 60-70 ft.

Deep rich green color. Growth close and compact. Coal gas and smoky atmospheres have very little effect on its growth.

200	18 to 24 inches.....	10.00	90.00
80	2 to 3 feet.....	14.00	125.00
240	3 to 4 feet.....	19.00	175.00

PONDEROSA, Western Yellow Pine, Bull Pine. 50-100 ft.

Extra long, dark green needles resembling Austrian Pine, but more rapid grower. Very hardy.

200	18 to 24 inches.....	11.00	100.00
400	2 to 3 feet.....	15.50	140.00
160	3 to 4 feet.....	19.00	175.00

SYLVESTRIS, Scotch Pine. 60-70 ft.

Light green in color. The rapidity of growth, great hardiness and the ease with which it may be grown on almost all soils has made this tree a favorite.

100	18 to 24 inches.....	7.50	.....
160	2 to 3 feet.....	11.00	100.00
150	3 to 4 feet.....	14.00	125.00
260	4 to 5 feet.....	19.00	175.00
140	5 to 6 feet.....	30.00	275.00
50	6 to 8 feet.....	35.00	.....

SPRUCE, Picea

CANADENSIS, White Spruce. 60-80 ft.

Dense habit of growth with silvery green foliage. Beautiful hardy ornamental Spruce. Should be planted freely.

70	18 to 24 inches.....	8.00	75.00
140	2 to 3 feet.....	11.00	100.00
10	3 to 4 feet.....	14.00	.....
20	4 to 5 feet.....	19.00	.....

CANADENSIS ALBERTIANA, Black Hills Spruce. 40-50 ft.

Hardest of all Spruces. Symmetrical, compact and bushy habit of growth. Foliage varies from green to bluish tint.

140	18 to 24 inches.....	11.00	100.00
160	2 to 2½ feet.....	15.00	135.00
100	2½ to 3 feet.....	18.00	165.00
20	5 to 6 feet.....	37.50	.....
20	6 to 8 feet.....	50.00	.....

EXCELSA, Norway Spruce. 70-80 ft.

Sharp, pointed needles, green in color. Used extensively for wind-breaks and general planting. Rapid growth.

30	5 to 6 feet.....	28.00	250.00
70	6 to 8 feet.....	37.50	350.00
40	8 to 10 feet.....	50.00	.....

PUNGENS, Colorado Green Spruce. 60-80 ft.

Symmetrical, upright habit. Light green, sometimes silvery foliage. Popular hardy tree. Succeeds in dry climates.

80	3 to 3½ feet.....	25.00	225.00
60	3½ to 4 feet.....	28.50	260.00

PUNGENS GLAUCA, Colorado Blue Spruce. 60-80 ft.

Select Seedling type. Foliage ranging from blue to silvery white. Very popular for lawn planting.

30	3 to 3½ feet.....	35.00	.....
20	3½ to 4 feet.....	42.50	.....

TAXUS, Yew

CUSPIDATA CAPITATA, Upright Japanese Yew. 6-10 ft.

The upright type of Taxus Cuspidata.

30	18 to 24 inches.....	25.00	.....
40	2 to 2½ feet.....	30.00	.....
40	2½ to 3 feet.....	35.00	.....
20	3 to 3½ feet.....	40.00	.....

Media Hicksi

A beautiful, dense Columnar form.

70	15 to 18 inches.....	25.00	.....
20	18 to 24 inches.....	30.00	.....
10	2 to 2½ feet.....	35.00	.....

EVERGREENS FOR LINING OUT

The make up and handling of this line of stock means success or failure to the planter. Our stock is grown in rich, sandy loam, which builds a wonderful system of roots. With our experience in handling, the planter is assured of good results.

50 of any variety and size at the hundred rate.

500 of any variety and size at the thousand rate.

KEY—TT—Twice Transplanted
T—Once Transplanted
RP—Root Pruned
S—Seedlings

OUR ROOT PRUNED STOCK WILL PLEASE YOU

ABIES CONCOLOR (Concolor Fir)

Silvery toned foliage varying from sea-green to deep blue. Form a compact, symmetrical tree.

		Per 100	Per 1000
3000	4 to 6 inches, T.....	\$ 6.00	\$ 54.00
4000	6 to 9 inches, T.....	8.00	72.00
10000	4 to 6 inches, RP.....	5.00	45.00
9000	6 to 9 inches, RP.....	6.00	54.00
7000	4 to 6 inches, S.....	4.00	36.00

ABIES DOUGLASI (Douglas Fir)

Makes a large symmetrical tree. Foliage bluish green. Very drouth resisting and may be planted in dry soils where others cannot survive.

7000	4 to 6 inches, RP.....	4.50	40.00
9000	6 to 9 inches, RP.....	5.00	45.00
1000	4 to 6 inches, S.....	2.50	22.00
3000	6 to 9 inches, S.....	4.00	35.00

JUNIPER SCOPULORUM (Colorado Silver Juniper)

Silvery foliage and close symmetrical upright growth. Thrives in hot, dry weather, when the color is the brightest. Very hardy.

5000	3 to 6 inches, S.....	5.00	45.00
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JUNIPER VIRGINIANA (Platte River Type)

Best Virginiana.

8500	6 to 9 inches, RP.....	5.00	45.00
7000	9 to 12 inches, RP.....	6.00	54.00
3200	12 to 18 inches, RP.....	7.00	63.00
9000	9 to 12 inches, T.....	7.00	65.00
20000	4 to 6 inches, S.....	3.00	27.00
7000	6 to 9 inches, S.....	4.50	40.00

LARIX EUROPAEA (European Larch)

700	6 to 9 inches, S.....	2.50	20.00
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PICEA CANADENSIS ALBERTIANA (Black Hills Spruce)

Needs no introduction. Seed obtained in the Black Hills of South Dakota.

4000	4 to 6 inches, RP.....	5.00	45.00
4000	4 to 6 inches, S.....	3.50	30.00

PICEA CANADENSIS ALBA (White Spruce)

Grows nearly as fast as Norway and is more compact. Makes good understocks for grafting. Seed obtained from Northern Minnesota.

2000	6 to 9 inches, RP.....	4.00	36.00
10000	9 to 12 inches, RP.....	5.00	45.00
2000	12 to 15 inches, RP.....	6.00	54.00
3000	4 to 6 inches, S.....	3.00	20.00

PICEA EXCELSA (Norway Spruce)

A fast growing tree with bright green foliage. Makes a good windbreak as well as an ornamental tree. Used for understocks. Seeds obtained in Northern Europe.

2000	6 to 9 inches, RP.....	2.60	22.50
6000	9 to 12 inches, RP.....	3.00	27.00
4000	12 to 18 inches, RP.....	5.00	45.00
10000	4 to 6 inches, S.....	2.00	18.00

PICEA PUNGENS GLAUCA (Colorado Blue Spruce)

Foliage ranging from green to silver white. Very popular for lawn planting. We make an effort to get seeds from bluest trees in Colorado. We do not select the blue ones out before shipping.

7000	4 to 6 inches, RP.....	4.00	36.00
2500	4 to 6 inches, S.....	3.50	32.00

EVERGREENS FOR LINING OUT—Continued

PINUS CONTORTA MURRAYANA (Lodge Pole Pine)

This is a type of Contorta grown in Rocky Mountains. It attains a height of 80 to 100 ft. in the timber. However, it is more dwarf where used in an ornamental planting. Seed obtained in Rocky Mountains. Grows straight.

		Per 100	Per 1000
2000	4 to 6 inches, RP.....	\$ 4.00	\$36.00
1500	6 to 9 inches, RP.....	5.00	45.00
800	12 to 18 inches, RP.....	7.50	67.00
150	18 to 24 inches, RP.....	8.00	72.00

PINUS DENSIFLORA (Jap. Red Pine)

This is known as Japanese Table Pine. It grows with a short, heavy stem and a flat top, making an ideal pine for rock garden use.

1000	4 to 6 inches, RP.....	3.50	32.00
1000	9 to 12 inches, RP.....	5.00	45.00
1000	12 to 18 inches, RP.....	6.00	54.00
700	18 to 24 inches, RP.....	7.00	63.00
1000	4 to 6 inches, S.....	3.00	27.00

PINUS MUGHUS (Mugho Pine)

Dwarf pine of many branches. Used in rockeries and in foundation plantings. Seed obtained from the Alps Mountains from specimen trees.

1500	4 to 6 inches, T.....	7.50	67.00
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PINUS NIGRA (Austrian Pine)

Valuable for windbreaks. Very hardy. Seed obtained from Austria and Nebraska. Will stand lots of drouth.

2500	4 to 6 inches, T.....	5.00	45.00
7000	6 to 9 inches, T.....	6.00	54.00
12000	4 to 6 inches, RP.....	3.50	32.00
14000	6 to 9 inches, RP.....	4.50	40.00
9000	9 to 12 inches, RP.....	5.00	45.00
1800	12 to 18 inches, RP.....	6.00	54.00
20000	4 to 6 inches, S.....	3.00	27.00
15000	6 to 9 inches, S.....	4.00	36.00

PINUS PONDEROSA (Western Yellow or Bull Pine)

A most valuable pine for ornamental, windbreak, and timber planting. Very long needles and compact growth make this tree a desirable one. Seed obtained in Wyoming and Nebraska.

1000	6 to 9 inches, TT.....	7.00	63.00
1400	9 to 12 inches, TT.....	9.00	81.00
900	12 to 18 inches, TT.....	12.00	108.00
1000	6 to 9 inches, T.....	6.00	54.00
2000	9 to 12 inches, T.....	7.00	63.00
10000	6 to 9 inches, RP.....	4.50	40.00
3000	9 to 12 inches, RP.....	5.00	45.00
3500	12 to 18 inches, RP.....	6.00	54.00
4000	4 to 6 inches, S.....	3.00	27.00
10000	6 to 9 inches, S.....	4.00	36.00

PINUS STROBUS (White Pine)

Grows very fast. Will grow well on most any kind of soil. Valuable for backgrounds or windbreaks.

5000	4 to 6 inches, T.....	4.50	40.00
5000	6 to 9 inches, RP.....	5.00	45.00
2000	9 to 12 inches, RP.....	6.00	54.00
5000	4 to 6 inches, S.....	3.00	27.00

PINUS SYLVESTRIS REGENSIS (Scotch Pine)

Regensis is the best known type of Scotch Pine grown. Is a valuable tree wherever pine trees are desired. Seed obtained from Northern Europe.

4000	9 to 12 inches, T.....	6.00	54.00
1000	12 to 18 inches, T.....	7.00	63.00
9000	12 to 18 inches, RP.....	4.00	36.00
500	18 to 24 inches, RP.....	5.00	45.00
1200	6 to 9 inches, S.....	2.50	22.00
4000	9 to 12 inches, S.....	3.00	27.00

ROSES

Growing and distributing Roses of best quality is one of our specialties.

HYBRID TEA, TEA, AND EVERBLOOMING
Mostly California Grown

	Per 10	Per 100
No. 1	\$2.10	\$18.00
No. 1½	1.70	14.00
	No. 1	No. 1½
Ami Quinard, velvety crimson-maroon, vigorous grower.....	150	...
Betty Uprichard, salmon-pink stained with coppery red.....	300	500
Condesa de Sastago, a Spanish two-toned rose, very full.....	960	640
Dainty Bess, single, rose colored, red center.....	290	150
Duchess of Wellington, large, saffron, yellow. Fragrant.....	200	150
Editor McFarland, solid glowing pink with slight suffusion of yellow.	290	510
Etoile de France, large, double blooms of rich velvety crimson.....	150	140
Gruss an Teplitz, medium sized dark maroon, blooms in clusters, very hardy.....	1460	590
Hadley, deep velvety crimson with velvety texture.....	....	120
Killarney Pink, bright sparkling double pink. Free bloomer.....	200	50
Lady Ashtown, brilliant, glossy pink flowers of exquisite pointed shape	130	70
Lady Hillingdon, a popular deep apricot-yellow rose.....	980	400
Los Angeles, double, luminous coral pink toned gold at base.....	....	400
Luxembourg, large, coppery yellow flowers.....	560	100
Margaret McGredy, brilliant red petals on hinges of deep gold.....	540	450
McGredy's Scarlet, large, brilliant scarlet, orange base. Fragrant.....	90	60
Miss Rowena Thom, large, brilliant satiny pink, orange flame at center	200	260
Mme. Caroline Testout, large globular flowers of satiny rose, fragrant.	400	100
Mme. Edouard Herriott, large, brilliant orange-red and salmon.....	150	110
Mrs. Chas. Bell, soft, salmon pink, sweetly perfumed.....	90	150
Mrs. E. P. Thom, large well shaped, bright canary yellow.....	200	100
Mrs. Pierre S. du Pont, bud reddish gold, flower deep golden yellow becoming lighter with age.....	190	200
Padre, copper-scarlet flushed yellow at base.....	200	50
Pres. Herbert Hoover, a popular variety, long stems with beautifully colored buds and blooms of dreamy yellow with pink and flame tints	1960	790
Radiance Pink, large, brilliant rose-pink. Very fragrant.....	....	490
Soeur Therese, double blooms of rich yellow.....	460	90
Souv. de Claudius Pernet, lovely sunflower yellow.....	1050	520
Sunburst, rich yellow shaded coppery-orange.....	620	110
Syracuse, large, double, crimson-scarlet flowers.....	120	150
Talisman, glowing golden yellow stained copper red.....	2490	1200

HYBRID TEA, TEA, AND EVERBLOOMING
Mostly California Grown

	Per 10	Per 100
No. 1	\$2.40	\$20.00
No. 1½	1.80	15.00
	No. 1	No. 1½
Autumn, rich yellow suffused russet-brown.....	250	190
Cuba, cardinal-red, slightly tinted yellow, very fragrant.....	130	....
Duchess of Atholl, double, fragrant, vivid orange flushed old rose.....	250	180
Duquesa de Penaranda, beautiful deep apricot.....	....	90
Edel, white with faint ivory shading toward base, large, double.....	....	310
Edith Nellie Perkins, pointed buds, rich orange outside and salmon pink inside	240	450
Essence, velvety crimson, double Etoile de Hollande.....	40	....
Feu Joseph Looymans, Indian-yellow, flowers very large, lasting.....	160	190
General MacArthur, velvety crimson-scarlet bloom.....	120	90
Gipsy Lass, well shaped, double blooms of dark scarlet-crimson.....	100	....
Golden Emblem, beautiful rich yellow, glossy foliage.....	....	70
Golden Rapture, beautifully formed buds, fully double blooms of rich yellow .....	....	180
Grenoble, striking scarlet-crimson, beautifully shaped.....	90	120
Heinrich Wendland, excellent plant with nasturtium-red, golden-hued buds and flowers.....	....	490
Hoosier Beauty, glowing crimson free bloomer, fragrant.....	....	80
Irish Charm, golden scarlet to blush pink, fragrant.....	190	170
J. L. Mock, brilliant pink shaded darker on outside of petals.....	....	80
J. Otto Thilow, perfect buds and full flowers of rich rose-pink.....	150	100
Joanna Hill, large, yellow with bronze shading in center. Fragrant, vigorous	500	400

ROSES—Continued

HYBRID TEA, TEA, AND EVERBLOOMING	No. 1	No. 1½
K. A. Viktoria, popular, snowy white, double.....	....	190
Killarney Double White, large double flowers of snowy white.....	....	100
Lady Forteviot, fragrant, golden yellow blooms which change to deep apricot	170	120
Leonard Barron, light salmon and shell pink suffused with pale copper	100	110
Lord Charlemont, large well shaped, deep crimson, fragrant.....	....	40
Mev. G. A. van Rossem, vivid orange and apricot buds opening to brownish yellow, strongly shaded with copper pink.....	120	210
Mme. Butterfly, light pink, shaded with gold.....	....	100
Mme. Jules Bouche, white, lightly tinted pink at center.....	....	80
Mrs. Aaron Ward, center Indian yellow, edge primrose. Dwarf.....	300	190
Mrs. Henry Bowles, bright pink flushed crimson. Very fragrant.....	120	160
Ophelia, attractive light salmon shading to light yellow.....	90	....
Ophelia Golden, golden yellow. Seedling of Ophelia.....	390	250
Rapture, sport of Mme. Butterfly. Somewhat deeper pink.....	....	90
Romance, yellow splashed scarlet and carmine.....	70	110
Roslyn, large, double, deep golden yellow. Vigorous grower.....	560	260
Souv. de Mme. C. Chambard, rose-red and salmon with deep orange yellow glow underlying the whole flower.....	70	100
Thos. A. Edison, large, well shaped blooms or light and dark pink.....	70	50
Ville de Paris, lasting well shaped booms of rich yellow.....	160	50
W. E. Chaplin, large full cup-shaped scarlet-red blooms with crimson reflexes	100	60
Western Gold, clear yellow sport of Talisman.....	200	40
Willowmere, rich shrimp pink, yellow center, larger at edges.....	150	50

SPECIAL VARIETIES OF OUTSTANDING MERIT

Hybrid Tea, Tea, and Everblooming.

These special and newer varieties are offered herewith for your consideration. They have been tested under varied conditions and have proven worthy. Many of them have found permanent places in the Rose Gardens, and all are highly recommended.

Condesa de Sastago, a Spanish two-toned rose producing a profusion of fully double open flowers on vigorous bushy plants; petals are deep coppery pink inside, golden yellow reverse.	Per 10	Per 100
960 No. 1.....	\$ 2.10	\$18.00
640 No. 1½.....	1.70	14.00
Gloriana, Plant Patent No. 391. A rose retaining its remarkable yellow color in the hottest weather, deepening to the two-tone color of Condesa de Sastoga, finishing the season in a burst of color.		
490 No. 1.....	3.50	30.00
Golden Rapture, long lasting, beautifully formed buds, fully double blooms of rich yellow on long strong stems. A vigorous grower.		
180 No. 1½.....	1.80	15.00
Heinrich Wendland, distictively two-toned, large, double blooms, with inside of petals nasturtium red, reverse golden yellow. An excellent plant.		
490 No. 1½.....	1.80	15.00
McGredy's Ivory, a very large, long pointed bud developing into a large, double high centered flower of soft delicate creamy white that merges into a yellow base; moderately fragrant. Vigorous grower and disease resistant.		
280 No. 1½.....	2.10	18.00
McGredy's Yellow, large bright buttercup yellow flowers of perfect form and sweetly scented. The foliage is heavy and glossy, dark green on red stems.		
100 No. 1.....	2.75	24.00
400 No. 1½.....	2.10	18.00
Mme. Joseph Perraud, high-centered, perfectly formed buds and double blooms shading from shell pink at the edges to buff and orange in the center. An excellent variety of superior quality.		
160 No. 1½.....	2.10	18.00
Mrs. Sam McGredy, a large, long pointed bud; flower large, double, and in color scarlet-copper-orange, heavily flushed with red on outside of petals. A vigorous grower, disease resistant and prolific bloomer.		
190 No. 1½.....	2.10	18.00
Nellie E. Hillock, Plant Patent No. 185. Bi-colored pink with gold base; petals deep rose-pink on the reverse, pearl to silver pink on the inside.		
590 No. 1.....	3.50	30.00
Soeur Therese, one of the best of the yellow Hybrid Teas. A fine, free blooming and very satisfactory variety, producing double blooms of rich yellow. An upright, vigorous grower.		
460 No. 1.....	2.10	18.00
90 No. 1½.....	1.70	14.00

ROSES—Continued

SPECIAL VARIETIES OF OUTSTANDING MERIT—Continued

HYBRID TEA, TEA AND EVERBLOOMING—Continued

Southport, brilliant, unfading scarlet roses with full, cupped flowers, very lasting and exceedingly fragrant.		Per 10	Per 100
100	No. 1½	2.40	18.00
Temno, a desirable dark red rose with light maroon, velvety tones. The largest of all the darkest roses. Borne on a good plant of branching habit.			
20	No. 1	3.50	30.00
40	No. 1½	2.75	24.00
Victoria Harrington, a large lasting, velvety dark red rose of merit. Fragrant, blooming on vigorous free flowering plant. Has an attractive and peculiar petal formation.			
150	No. 1	2.90	24.00
300	No. 1½	2.10	18.00

HYBRID PERPETUAL

	Per 10	Per 100
No. 1	\$2.10	\$18.00
No. 1½	1.70	14.00
	No. 1	No. 1½
*American Beauty, popular, fragrant, deep pink shaded soft carmine	150	90
F. K. Druschki, large, snow white, free bloomer, popular	670	150
Magna Charta, bright pink suffused carmine. Fragrant	20	70
Marshall P. Wilder, extra large crimson, well shaped blooms	350	90
Mrs. John Laing, very large, double, soft pink, borne on long stems	750	190
P. C. de Rohan, deep velvety maroon crimson	100	60
Paul Neyron, thornless bushes with gigantic pink fragrant flowers	760	120
Soliel d'Or, reddish-gold and orange. Fragrant	300	....
Ulrich Brunner, large, fine shaped blossoms of cherry red	540	110

*Variety 2c higher for each grade.

BABY ROSES—Dwarf Polyantha

Mostly California Grown

	Per 10	Per 100
No. 1	\$1.90	\$16.00
No. 1½	1.40	12.00
*Cameo, a distinct shade of shell-pink and salmon, with a glow of gold	750	200
Chatillon, vivid light salmon-pink, semi-double	150	70
Crimson Baby, small, semi-double, light crimson, dense clusters	260	200
Edith Cavell, brilliant scarlet, overlaid velvety crimson	300	300
Ellen Poulsen, double, bright rosy-pink, fragrant	150	....
Erna Teschendorf, bright red, semi-double flowers	280	100
*George Elger, soft golden yellow in bud, paler in open flowers	560	165
*Gloria Mundi, large, fully double, lasting, orange-scarlet, borne in clusters	940	490
†Gruss an Aachen, orange-pink in bud, turning to soft salmon-pink and white	....	100
Ideal, dark scarlet, borne in profusion. Immense compact bunches	550	200
†Kirsten Poulsen, bright scarlet, in clusters on long stems	140	110
Lafayette, a dwarf bushy grower producing semi-double cherry-crimson flowers	60	160
Orleans, vivid rosy-crimson; continuous bloomer	350	75
*Sparkler, a fine cluster-flowered type, brilliant red flowers	1200	400
Triomphe Orleanais, large clusters of cherry red	90	....

*Varieties 2c lower for each grade.
†Varieties belong to the hardy everblooming Floribunda group of roses.

MOSS

Buds—California Grown

Moss, Golden, golden yellow, large, double fragrant.	Per 10	Per 100
450 No. 1	\$1.70	\$14.00
100 No. 1½	1.20	10.00

RUGOSA, HYBRIDS AND MISCELLANEOUS

Mostly Own Roots.

	Per 10	Per 100	Per 1000
Agnes, double yellow rugosa, fragrant, blooms early.			
200 12 to 18 inches	\$1.80	\$15.00	\$.....
100 18 to 24 inches	2.40	20.00	.....
Amelia Gravereaux, carmine-red, borne on long stems.			
100 12 to 18 inches	1.70	14.00	.....
160 18 to 24 inches	2.10	18.00	.....
30 2 to 3 feet	2.50	....	.....

ROSES—Continued

RUGOSA, HYBRIDS AND MISCELLANEOUS—Continued

Austrian Copper, single orange-red flowers inside, yellow outside.			
		Per 10	Per 100 Per 1000
100	9 to 12 inches.....	\$ 0.95	\$ 8.00 \$
800	12 to 18 inches.....	1.40	12.00
900	18 to 24 inches.....	2.10	17.00 150.00
640	2 to 3 feet.....	2.40	20.00
Belle Poitevine, bright pink in clusters, everblooming.			
500	12 to 18 inches.....	1.20	10.00 85.00
900	18 to 24 inches.....	1.70	14.00 120.00
600	2 to 3 feet.....	1.90	16.00
Blanc Double De Coubert, snowy white, double flowers.			
200	12 to 18 inches.....	1.70	14.00
Blanda, soft pink flowers borne in clusters.			
300	12 to 18 inches.....	1.20	10.00 85.00
750	18 to 24 inches.....	1.70	14.00 120.00
700	2 to 3 feet.....	2.25	19.00 160.00
100	3 to 4 feet.....	2.60	22.00
Carolina, bright rose-pink flowers borne singly in clusters.			
400	12 to 18 inches.....	1.20	10.00 85.00
900	18 to 24 inches.....	1.70	14.00 120.00
500	2 to 3 feet.....	2.25	19.00 160.00
C. F. Meyer, large, well formed flowers, silvery pink.			
150	12 to 18 inches.....	1.20	10.00
300	18 to 24 inches.....	2.00	14.00
650	2 to 3 feet.....	2.40	18.00
90	3 to 4 feet.....	2.50	22.00
Dr. Eckener, vigorous, hardy, has blooms resembling a Hybrid Tea, color similar to Talisman, buff and rose.			
60	18 to 24 inches.....	1.70	14.00
90	2 to 3 feet.....	2.10	18.00
Dr. E. M. Mills, semi-double, white shaded pink, hardy.			
100	12 to 18 inches.....	1.20	10.00
100	18 to 24 inches.....	1.70	14.00
90	2 to 3 feet.....	2.10	18.00
F. J. Grootendorst, small bright red flowers in clusters.			
1400	12 to 18 inches.....	1.40	12.00 100.00
720	18 to 24 inches.....	2.00	16.00
Grootendorst Pink, charming pink variety of Grootendorst.			
400	9 to 12 inches.....	.95	8.00
1100	12 to 18 inches.....	1.40	12.00 100.00
1000	18 to 24 inches.....	1.90	16.00 140.00
400	2 to 3 feet.....	2.40	20.00
Hansa, double, reddish flowers of large size.			
600	9 to 12 inches.....	.95	8.00
700	12 to 18 inches.....	1.40	12.00 100.00
200	18 to 24 inches.....	1.90	16.00
380	2 to 3 feet.....	2.40	20.00
50	3 to 4 feet.....	2.90	25.00
Harrison's Yellow, semi-double, moderately fragrant, bright yellow.			
750	12 to 18 inches.....	1.40	12.00 100.00
780	18 to 24 inches.....	2.00	16.00 140.00
700	2 to 3 feet.....	2.10	18.00 160.00
140	3 to 4 feet.....	2.50	22.00
Hugonis, light yellow flowers borne profusely along the branches. Very hardy, blooms very early.			
600	12 to 18 inches.....	.95	8.00 70.00
1100	18 to 24 inches.....	1.40	12.00 100.00
2200	2 to 3 feet.....	1.75	14.50 125.00
400	3 to 4 feet.....	2.25	19.00 160.00
Lucida, bright pink flowers followed by shining red fruit.			
1000	12 to 18 inches.....	1.20	10.00 85.00
1400	18 to 24 inches.....	1.70	14.00 120.00
1100	2 to 3 feet.....	2.25	19.00 160.00
90	3 to 4 feet.....	2.50	22.00
Max Graf, vigorous trailing plant. Rugosa foliage with bright pink, golden centered blossoms in June.			
270	9 to 12 inches.....	1.20	10.00
100	12 to 18 inches.....	1.70	14.00

ROSES—Continued

RUGOSA, HYBRIDS AND MISCELLANEOUS—Continued

Mrs. Anthony Waterer, double crimson, Rugosa foliage.		Per 10	Per 100	Per 1000
220	9 to 12 inches.....	1.10	9.00	.....
550	12 to 18 inches.....	1.40	12.00	.....
490	18 to 24 inches.....	1.90	16.00	.....
95	2 to 3 feet.....	2.40	20.00	.....
Nitida, deep pink flowers, extremely hardy.				
800	12 to 18 inches.....	1.20	10.00	85.00
300	18 to 24 inches.....	1.70	14.00	120.00
Persian Yellow, double, small, golden yellow.				
550	12 to 18 inches.....	1.40	12.00	100.00
1100	18 to 24 inches.....	2.00	16.00	140.00
900	2 to 3 feet.....	2.10	18.00	160.00
200	3 to 4 feet.....	2.50	22.00	.....
Rubiginosa, Sweetbriar, single pink flowers, orange-red fruit.				
60	12 to 18 inches.....	1.10	9.00	.....
120	18 to 24 inches.....	1.40	12.00	.....
50	3 to 4 feet.....	2.10	18.00	.....
Rugosa Rubra, large single flowers of various shades of pink, magenta, and rosy crimson, blooms early.				
90	9 to 12 inches.....	1.10	9.00	.....
100	12 to 18 inches.....	1.40	12.00	.....
290	2 to 3 feet.....	2.40	20.00	.....
Sir Thomas Lipton, snowy white flowers of good size.				
200	12 to 18 inches.....	.95	8.00	.....
200	18 to 24 inches.....	1.40	12.00	.....
450	2 to 3 feet.....	1.80	15.00	.....
50	3 to 4 feet.....	2.10	18.00	.....

CLIMBERS AND RAMBLERS

Our Climbing Roses are mostly on own roots, except Climbing Hybrid Teas are buds. They are good stock, well graded, which we are confident will please. We have a fine lot of California grown Climbing American Beauty, Crimson Rambler, Dr. Van Fleet, Flower of Fairfield, Paul's Scarlet, Royal Scarlet; most of these roses grown from blooming wood taken from roses planted several years ago especially for producing strong cuttings.

American Pillar, single rose pink, white center, vigorous.		Per 10	Per 100	Per 1000
100	No. 1.....	\$ 1.70	\$14.00	\$
150	No. 1½.....	1.20	10.00	.....
420	No. 2.....	.80	7.00	.....
Aviator Bleriot, buds orange, pink and apricot. Flowers pale yellow.				
690	No. 1.....	1.40	12.00	100.00
300	No. 1½.....	.95	8.00	70.00
580	No. 2.....	.65	5.60	50.00
Baltimore Belle, light creamy blush flowers in small clusters.				
200	No. 1.....	1.40	12.00	.....
275	No. 1½.....	1.10	9.00	.....
230	No. 2.....	.70	6.00	.....
Climbing American Beauty, flowers rich red to crimson.				
850	No. 1.....	2.10	18.00	150.00
200	No. 1½.....	1.50	12.00	.....
400	No. 2.....	1.00	8.50	.....
Climbing Gruss an Teplitz, bright scarlet crimson, reddish purple foliage.				
740	No. 1.....	2.10	18.00	150.00
150	No. 1½.....	1.50	12.00	.....
260	No. 2.....	1.20	10.00	85.00
Climbing Radiance Red, rosy-red.				
60	No. 1.....	2.10	18.00	.....
100	No. 1½.....	1.70	14.00	.....
Crimson Rambler, beautiful dazzling scarlet-red borne in giant sprays.				
600	No. 1.....	1.70	14.00	.....
200	No. 1½.....	1.25	10.00	.....
300	No. 2.....	.80	7.00	.....
Dorothy Perkins, soft shell pink flowers.				
800	No. 1.....	1.40	12.00	.....
2400	No. 1½.....	.95	8.00	70.00
1190	No. 2.....	.65	5.60	50.00

ROSES—Continued

CLIMBERS AND RAMBLERS—Continued

Dr. Van Fleet, pale pink buds and flowers on long stems.			
		Per 10	Per 100 Per 1000
580	No. 2.....	\$ 0.95	\$ 8.00 \$
Excelsa, double scarlet-crimson blooms.			
800	No. 1.....	1.40	12.00
200	No. 1½.....	.95	8.00
Gardenia, yellow buds and creamy flowers with rich yellow centers.			
90	No. 1½.....	1.25	10.00
850	No. 2.....	.80	7.00 60.00
Glendale, lemon-white buds and blooms of exquisite shape.			
50	No. 1.....	1.70	14.00
80	No. 1½.....	1.20	10.00
75	No. 2.....	.80	7.00
Golden Moss, golden yellow, large, double fragrant.			
450	No. 1.....	1.70	14.00
100	No. 1½.....	1.20	10.00
Heart of Gold, purplish-crimson, white center, showy golden stamens.			
180	No. 1.....	1.40	12.00
150	No. 1½.....	1.10	9.00
100	No. 2.....	.70	6.00
Jean Lafitte, clear, pink cluster flowered Setigera hybrid, producing medium large flowers. Very double.			
90	No. 1.....	1.90	16.00
Mary Wallace, outstanding large flowered pink climber.			
100	No. 1.....	1.90	16.00
Paul's Scarlet, intense scarlet flowers of excellent shape and good size, borne in clusters.			
900	No. 1.....	2.10	18.00 150.00
450	No. 1½.....	1.50	12.00
Roserle, semi-double, velvety pink, white base, gets darker with age.			
100	No. 1.....	1.70	14.00
450	No. 1½.....	1.25	10.00 90.00
265	No. 2.....	1.70	14.00
Royal Scarlet, similar to Paul's Scarlet but smaller and deeper in color.			
160	No. 1.....	2.10	18.00
60	No. 1½.....	1.70	14.00
Scorcher, semi-double, lasting, brilliant scarlet-crimson.			
100	No. 1.....	2.10	18.00
Seven Sisters, varies from rosy-red to flesh color.			
180	No. 1.....	1.40	12.00
Silver Moon, large buds, creamy white flowers semi-double, golden anthers, small sprays.			
150	No. 1.....	1.90	16.00
150	No. 2.....	.95	8.00
Tausendschon, large clusters, flowers soft pink to white.			
1300	No. 1.....	1.70	14.00 120.00
1120	No. 1½.....	1.25	10.00 90.00
500	No. 2.....	.80	7.00 60.00
White Dorothy, small double flowers, creamy white in great clusters.			
700	No. 1.....	1.40	12.00 100.00
1200	No. 1½.....	.95	8.00 70.00
1000	No. 2.....	.65	5.60 50.00
Wichuriana, (Memorial Rose) clusters of white flowers, trailing habit, glossy leaves, fine ground cover.			
450	No. 1.....	2.10	18.00 150.00
600	No. 1½.....	1.70	14.00 120.00
400	No. 2.....	1.10	9.00

ROSES—Continued
PATENTED ROSES

We are offering these Roses under license from patentee, and it is understood and agreed that they are FOR RESALE AT RETAIL ONLY, at established prices specified herein, for No. 1 Grade.

	Trade Prices Are Net.	Per 10	Per 100
Blaze , Plant Patent No. 10. (Retails at \$1.00 each; \$10.00 per doz.) A hardy, vigorous climbing rose similar to Paul's Scarlet. Recur- rent bloomer. Scarlet crimson flowers.....		\$ 5.50	\$50.00
Doubloons , Plant Patent No. 152. (Retails at \$1.50 each; \$15.00 per doz.) Climber, clusters of very large cup-formed saffron yellow blooms. Long heavy canes.....		9.00	75.00
Flash , Plant Patent Rights Reserved. (Retails at \$1.00 each; \$10.80 per doz.) A glowing, vivid-colored red, hardy climbing rose, blooming in early June and continuing for weeks. New.....		5.50	50.00
Gloaming , Plant Patent No. 137. (Retail \$1.00 each; \$10.00 per doz.). Satin pink heavily laden with salmon and amber.....		5.50	50.00
Gloriana , Plant Patent No. 391. A rose retaining its remarkable yellow color in the hottest weather, deepening to the two-toned deep color of Condesa de Sastago.....		3.50	30.00
Nellie E. Hillock , Plant Patent No. 185. (Retails at 75c each; \$7.50 per doz.) Bi-colored pink with gold base; petals deep rose-pink with pearl to silver pink on the inside.....		3.50	30.00
Texas Centennial , Plant Patent No. 162. (Retails at 60c each; \$6.00 per doz.) Hoover sport. Bright vermillion red with light tone of gold at base. Petals lighter red at center gradually toning to deep rich pink as the bloom ages.....		3.50	30.00
Will Rogers , Plant Patent No. 256. (Retails at \$1.00 each; \$10.00 per doz.) Dark velvety-crimson maroon, double, free bloomer. Strong, vigorous, dark green foliage.....		6.00	50.00

CLOVERSET POTS

We are authorized dealers for these pots and offer them at the following prices:
(Sold in not less than 100 lots.)

	Per 100	Per 1000	Per 5000
No. 1 Pot, 5½ in. bottom x 6 in. top x 6½ in. high (Soil capacity 9 lbs.)	\$4.00	\$37.50	\$35.00
No. 2 Pot, 6½ in. bottom x 7 in. top x 9½ in. high (Soil capacity 15 lbs.)	4.50	42.50	40.00
No. 3 Pot, 7½ in. bottom x 8 in. top x 9 in. high (Soil capacity 20 lbs.)	5.00	47.50	45.00
No. 1 Pot, for Perennials and Small Roses	No. 2 Pot, for No. 1 Roses and Small Shrubs		
No. 3 Pot, for Large Shrubs			

PEONIES

We offer only clean, young stock, free from disease, absolutely true to name and first-class in every respect.

DIVISIONS QUOTED—Strong 3 to 5 Eyes

	Per 10	Per 100
Unnamed Pink	\$.95	\$ 8.00
Unnamed Red .....	.95	8.00
Unnamed White	1.20	10.00
Alexander Dumas, 7.1. Crown type. Brilliant pink. Very early.....	1.40	12.00
Archie Brand, 7.5. Large, rose-type blossom of shell pink. Mid-season	1.80	15.00
Augustin D'Hour, 7.8. Brilliant red with silvery reflex. Mid-season..	1.40	12.00
Duchess de Nemours, 8.1. Crown type. Early. Sulphur white grad- ually changing to pure snow-white	1.70	14.00
Duchess de Orleans, 6.1. Bomb type. Deep salmon pink. Mid-season..	1.20	10.00
Felix Crousse, 8.4. Rose type. Brilliant ruby-red. Exceptionally fiery, bright and effective. Mid-season	1.90	16.00
Floral Treasure, 7.5. Clear pink, shading lighter at center. Rose type. Large. Early mid-season	1.40	12.00
Fragrans, 5.8. Bomb type. Dark pink shaded solferino-red. Fine for cut flowers. Late.....	1.20	10.00
Francois Ortegat, 6.7. Semi-rose type. Large deep crimson, with brilliant golden-yellow anthers. Fragrant. Mid-season	1.20	10.00
Karl Rosefield, 8.8. Semi-rose type. Dark velvety crimson, clear and brilliant without a trace of purple. Mid-season	1.90	16.00
Louis Van Houtte, 6.9. Semi-rose type and bright red. Late.....	1.20	10.00
Marie Crousse, 8.9. Bomb type. Soft salmon-pink. Mid-season.....	1.80	15.00
Milton Hill, 9.0. Clear pink with a sheen of delicate lilac. Late.....	3.50	30.00
Mons Victor Hugo. Brilliant carmine-red. Medium height. Late.....	1.80	15.00
Officinalis Rubra, 8.6. Large round bloom of vivid crimson. The earliest of all Peonies to bloom.....	2.50	22.00
Sarah Bernhardt, 9.0. Semi-rose type. Apple blossom pink with each petal tipped with silver, making an almost perfect Peony. Fra- grant. Mid-season to late.....	2.90	25.00
Walter Faxon, 9.3. Medium size, globular, semi-rose deepening towards the center. Mid-season.....	4.00	35.00

PERENNIALS

We have one of the largest and most complete assortments of Hardy Perennials, Alpine and Rock Garden plants of any nursery in the Middle West. Our plants are, except as specified, field grown, properly transplanted to give the necessary root development for high class landscape planting.

We have approximately 60 acres of overhead irrigation, devoted to the propagation of our Perennial and Rock Garden plants. We have searched the world over for new varieties of seeds and plants.

If you live near Shenandoah, we cordially invite you to come and inspect our perennial fields. There is hardly a day during the summer and early fall but what our fields are a mass of bloom.

All perennials should be shipped by express. They are very perishable and should not be included in a freight shipment.

RG indicates the adaptability for rock garden planting.

The perennials that we are offering in this section are bare root, most suitable for landscape planting. If you are interested in packaged perennials, bulbs, etc., please write for our special price list No. 15 which covers a complete assortment of the more popular selling items suitable for store and counter trade.

SPECIALTY ITEMS OF THE NEW AND IMPROVED VARIETIES OF PERENNIALS

We are constantly in touch with plantsmen who specialize in the origination and improvement of new and better varieties of Hardy Plants, bringing these plants and seeds to our own nurseries for a thorough trial before offering them to our customers. We are extremely interested in offering you these newer varieties only in plants of real merit and dependability, plants that are adapted to extreme climatic conditions.

We have carefully checked our variety listing of perennials of some of the more recent introductions and wish to offer herewith a few suggested varieties that are worthy of your consideration.

ANTHEMIS, NEW ART SHADES.	Per 10	Per 100
This fine compact and upright growing variety is certainly a great improvement over its weedy ancestors. Plants 18 in. high, covered with white and yellow daisy-like flowers. Good for cutting. June to August.....	\$ 1.20	\$10.00

AQUILEGIA, Columbine (RG).		
Crimson Star. Something entirely new in Aquilegia! Large flowers of the most striking crimson, with white corolla. The plant has a sturdy full-flowering habit. Blooms in May-June. 24-in.	1.20	10.00
Monarch Hybrids. The lack of vivid blue shades, so often a bad feature in Aquilegia mixtures, has been surmounted in Monarch by growing blues separately and blending them into the mixtures after harvesting. This new MONARCH strain produces flowers of very large size with broad petals of perfect form and great length of spurs. May-June. 24-in.....	1.40	12.00
Silver Queen. Silvery white flowers, very long spurs. May-June. 24 inch	1.40	12.00

ASTERS, NEW DWARF (RG).		
Without exception, everyone who sees these new Dwarf Asters, recently imported from England, in bloom in our nurseries, purchases some. They are neat of habit, the foliage is attractive, and in the blooming season in September and October, there are literally hundreds of blooms in the most delicate shades of lavender, pink, and lilac. They are truly dwarf, rarely exceeding one foot in height, perfectly hardy, and especially valuable for rock garden, coming at a time when the rock garden is void of flowers. We have selected the best of this group of Dwarf Asters to offer to our customers.		
Lilac Time. Deep violet-blue flowers are produced on well rounded bushy plants growing to a height of 15 in. It is a most colorful and outstanding variety. September.....	1.40	12.00
Nancy. Lively flesh-pink flowers literally cover this dwarf bushy plant in late September. 1 ft.....	1.20	10.00
Snow Sprite. (Snow Fairy.) A very dwarf early September flowering variety, forming graceful plants a foot high. They are almost smothered with charming, semi-double white flowers.....	1.30	15.00
Star of Wartburg. Dark lilac-blue flowers with orange center, growing 12 to 14 inches high on strong, erect stems. Good cut flower, working up well with other flowers. Possible to cut more than one crop, providing young flowers are cut when they are ready. This is the best of all Dwarf Asters. The variety we are growing is a special strain grown from divisions which were imported from Holland.....	1.40	12.00

PERENNIALS—Continued

ASTERS, HARDY.

Per 10 Per 100

The following varieties of Upright Asters are new and improved varieties. Very large in bloom and extremely colorful. The old varieties that have been handled for years have practically passed out of the picture. For mass planting, the following varieties are tops:

Blue Gem. Large lovely flowers of blue with a yellow center. Double flowers. Best blue in cultivation. September until frost. 3 to 4 ft.....	\$ 1.40	\$12.00
Red Rover. The first red Fall Aster. Deep rosy red flowers with golden center; buds bright red. Free blooming, compact habit. September to frost. 3 to 4 ft.....	1.40	12.00

BUDDLEIA.

We wish to offer the following group of new Buddleia. These plants are all being offered in strong, 2¼-inch pots. These varieties are all seedlings of the Buddleia Fortune and have all its characteristics.

New Dark Red Buddleia, Concord. The buds and newly opened flowers are the color of Concord grapes, changing to a dark red. Each individual flower has a blood-red eye shading lighter to the edge of the petals. Strong, robust flower spikes of tremendous length with the flowers produced in small clusters all around the spike. Pot plants.....	2.50	.....
New Blue Buddleia, Eleanor. Eleanor-blue with an orange eye, combining beautifully with any pink flower, and keeps well as a cut flower. Very dwarf, strong, bushy plant, attaining a height of only 30 to 36 inches, with full, rounded flower heads, very compact, with individual flowers of good size, which do not sunburn. Pot plants.....	2.50	.....
New Red Buddleia, Dubonnet. An entirely new color in Buddleia an exact counterpart of the popular French wine Dubonnet. In sunshine and under lights it glows about a true red. Firm, cylindrical spikes, snugly set with individual flowers of good size that do not sunburn. Plant of robust, erect growth, strong stems. Leaves large, of firm, leathery texture. Pot plants....	2.50	.....
Fortune (Plant Patent No. 206). We believe Buddleia Fortune is very close to perfection. Bush of neat habit, about four feet high and four feet across, with none of the wild and rough growing characteristics of the older varieties. True lilac color overlaid with orange, foliage large, leathery, dark green. Sprays from 12 to 18 inches long, fully round and bloom from base to tip at practically the same time. (Retail 75c each; \$8.50 per 12)	3.50	25.00
Charming. A new shrub bearing throughout the summer and autumn. Elegant long sprays covered with lovely lavender-pink blooms which, compared to other varieties, are distinctly pink. Has exceptional value for house decoration. (Retail 75c each; \$7.50 doz.)	4.00	30.00

CHRYSANTHEMUMS, CUSHION, HARDY (RG).

A group of low-growing Chrysanthemums, forming mounds of blooms, reminding one of the old-fashioned Azalea. The plants grow about 10 or 12 in. high and spread 2 ft. or more. They flower quite early. All during September they are literally covered with hundreds of flowers which last over a long period. All are descendants of the Chrysanthemum Amelia, more often called Pink Cushion Chrysanthemum. We recommend handling these as pot plants.

Bronze Cushion. As the flowers first open they are warm rich red bronze, then turning to a bronzy yellow with a light red center giving a delightful effect. Later, lighten to a beautiful golden bronze shade	1.40	12.00
King Cushion. Pure fiery red. Multitude of beautiful 2 to 2½ in. flowers. A startling contrast to anything that has so far been introduced	1.40	12.00
Pink Cushion. Flowers open to a deep orchid pink then change to a light orchid with a creamy center finally salmon pink with a soft yellow center. Has a record of 3,000 flowers the first year. Very hardy.....	.95	8.00
Queen Cushion. Snow white flowers with a faint yellow center. This variety should be planted with the brighter colors to get the full effect of the flower and a contrast of colors.....	1.40	12.00
Yellow Cushion. Pure, golden yellow, very brilliant. Develops into large, dense clumps, often measuring 24 to 30 inches across, producing hundreds of strikingly beautiful flowers. Make a wonderful show in the landscape, coming into flower the first of October	1.40	12.00

PERENNIALS—Continued

CHRYSANTHEMUMS, HARDY.

	Per 10	Per 100
These Chrysanthemums are available for early spring delivery only and are offered in a 2 in. pot plant. Each plant will be shipped with the original ball, potted in Neponset green paper pots, properly packed so as to insure 100% delivery. These better types of Chrysanthemums are hard to handle as dormant plants and for that reason we recommend the pot plants and you may rest assured you will have 100% stand on these plants and blooms the first year.		
The following New Hardy Chrysanthemums which we are offering are recent introductions of one of the foremost Chrysanthemum hybridizers in the United States. We can truthfully recommend these to you as something new and different and well worth your consideration.		
Indian Summer. A very hardy variety. Double glowing orange flowers, 3 inches across, somewhat shaggy in make-up. Fine plants, never requiring support of any kind. Height 2 to 2½ feet. In full bloom October 15.....	\$2.50	\$
Lavender Lady. A true lavender Garden Chrysanthemum. No trace of mauve, pink, or magenta appears under any light conditions. The silvery lavender flowers are 3 inches or more across and appear in perfect branching sprays. Unusually hardy. Height 2½ feet. In full flower October 8	5.00	.....
Pale Moon. Delightful, fluffy, sulphur-yellow blossoms completely cover the plant. Loosely double flowers, 2½ inches across, of excellent keeping quality. The aroma is that of butternuts. Height 2 ft. In full flower October 5	5.00	.....
Rose Glow. Quantities of cinnamon-scented blossoms of a distinct raspberry color which changes to an opalescent rose, describes this lovely variety. The flowers are 2 inches across, fuller than semi-double and borne on slender sprays. Height 1½ to 2 feet. In full flower October 5	5.00	.....
Symphony. Mauve-rose overcast soft coppery-rose, with the sheen of damask silk, later taking on silvery-lavender and faint coppery tones which are fascinatingly illusive. The flowers are 3 inches across. Height 2½ to 3 feet. In full bloom October 10	3.50	.....

DELPHINIUM.

Belladonna Improved, Clivedon Beauty. Our strain of Belladonna Improved is produced from stock seed of Clivedon Beauty, carefully selected to keep it absolutely pure and true to type. It is far superior to much of the so-called Belladonna Improved that is on the market today. Beautiful sky-blue. Blooms in June and again in September. 4 to 5 ft.....	.95	8.00
Bellamosa, LaMartine. It is a deeper shade than Bellamosa and has a distinct white eye. In color it is more like the old Formosum but is a much better grower and has better foliage. Is not so susceptible to disease. Long blooming period. 4 to 5 ft.	1.40	12.00
English Hybrids, Blackmore & Langdon. This English strain is unsurpassed in the development of the Delphinium family. Enormous flowers in blue, mauve and pink. Solid, erect spikes, very tall and rigid. Grand for cut flower purposes. Long blooming season. 4 to 5 ft.....	1.40	12.00

DICENTRA.

Eximia (RG). This is not a particularly new item, but it is very worth while and few nurserymen know it. We recommend it very highly, equal to or better than the old fashioned Spectabilis variety. Rose colored flowers produced all summer. 12 in....	1.00	9.00
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GAILLARDIA SUN GOD.

Wonderfully prolific and hardy, neat in habit, with upright growth. Fine gray-green foliage, topped with magnificent chamois-yellow flowers, 3 to 3½ in. in diameter. 24 in. (Retails \$1.50 per 3; \$4.50 per 12; \$30.00 per 100.).....	1.80	15.00
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GYPHOPHILA.

Rosy Vell. Produces quantities of blossoms of soft delightful pink. Spreading plant about 1½ ft. in height, flowering very freely in July and more or less throughout the summer. Excellent for cutting.....	1.80	15.00
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HEMEROCALLIS.

Hyperion. A hardy, pale yellow shading toward citron Hemerocallis, which will grow in dry, wet, sunny or shady places. Fragrant buds which open well in water. Blooms throughout July and early August. 40 in. (Retails 75c each; \$2.70 per 3; \$7.50 per 12).....	1.00	35.00
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PERENNIALS—Continued

LILIUM.

Elegans Tip Top. This is the original Red Russian Lily, and is best adapted of any of the Elegans for outdoor planting. Deep red. Stem rooting. 1½ to 2 ft. high. Erect blooms. June-July.

	Per 10	Per 100
4 to 6 inches.....	\$0.60	\$ 5.00
6 to 8 inches.....	1.20	10.00

LUPINES

Russell's Hybrids. Extraordinary colors and color combinations never before seen in Lupines. Individual flowers about average size, upright standards of some being an inch across. All flowers on spike open at once from top to bottom. Spike 3 to 5 feet tall. The sensation of the English Horticultural World in 1937

3.50 30.00

PHLOX.

Annie Laurie. Large trusses of salmon-pink flowers. An attractive new variety

1.10 9.00

Augusta. (Plant Patent No. 252.). The finest cherry-red Phlox ever introduced. Medium height, about 2½ ft. when fully grown, with rich, bronzy green foliage. Blooms for a period of two months. (Retail prices: 50c each; \$1.50 per 3; \$4.50 per 12..

2.50 18.00

Border Gem. A beautiful deep purple Phlox. A most unusual shade, which does not fade, of good size.....

1.40 12.00

Border Queen. Very large florets of rich satiny rose-pink. One of the best new pinks. Very rare and beautiful. Plants are dwarf and excellent for garden. August-September.....

.95 8.00

Caroline Van de Berg. Large flowers of very striking blue. The best "Blue" to date. A lovely fascinating color combined with large individual blooms and trusses.....

1.40 12.00

Columbia. (Plant Patent No. 118.) The finest light pink Phlox ever introduced. The color suggests a delicate cameo-pink with faint blue shading at center. Exquisite effect. Sometimes called the "perpetual-flowering Phlox," because of a lateral or secondary flower spike from each leaf joint. (Retails \$1.10 per 3; \$3.30 per 12.) July to frost. 24 in.....

1.40 12.00

Daily Sketch. Large trusses of lustrous pink with crimson-rose eye. Very large, single florets measure 1½ in. across. No other hardy Phlox produces florets so large. Color does not fade. Long blooming—starts in July and continues until frost. 3½ ft. high.....

1.20 10.00

Hauptman Koehl. Glowing, full-toned red. Large florets curl and expose silver-rose back as bloom ages. Finest red Phlox propagated today. Large compact trusses on strong stems. The flowers retain color for a long period. July to frost. 24 in....

1.10 9.00

Leo Schlageter. Huge, pyramidal trusses of scarlet-carmine with dark center. Strong and showy.....

1.20 10.00

Morganrood. Flashing rose-pink with slightly deeper eye. Large florets. Strong grower. 2½ to 3 ft. July to frost.....

.95 8.00

P. D. Williams. Brilliant pink with rose center. Extra large florets. One of the best pinks. Pyramidal trusses. Grows compactly, retains color unmarred and unbleached through the entire summer and fall. 2½ ft.....

1.40 12.00

Royal Purple. Very beautiful. Purple is very rich and deep at edges, shading to violet in center of petals, then deep reddish purple at eye

1.10 9.00

PHLOX, SUBULATA.

Atropurpurea. A rich wine color.....

1.20 10.00

Blue Hills (RG). An improved Subulata, finest known variety. Flowers are light blue, blooming in May and June.....

1.20 10.00

PERENNIALS—Continued

PAPAVER ORIENTALIS.

We have to offer the following list of Oriental Poppies for August and September planting. This is a preferred list of the newer and better varieties. We can truly recommend them to you as the best of all the new Poppies. These plants are grown from root cuttings. Flower in May and June, 3 to 3½ ft. tall. Suggest you place your orders now for early fall planting. Our Poppies will be in bloom the latter part of May and we invite you to come and look them over. We have over 60 separate named varieties which we are blooming.

	Per 10	Per 100
Australia. 42 inches. Large massive flowers of oxblood red on, rigid stems. A fine new introduction.....	\$4.00	\$37.50
Betty Ann. Beautiful crinkled flower of LaFrance Pink. No spots. Profuse bloomer. Lasts longer as a cut flower than any other variety so far observed. 24 inches	3.00	26.00
Big Jim. 36 inches. Mammoth, gorgeous flowers of deep maroon. Outstanding color and vigorous growth.....	3.00	26.00
Echo. A different pink Poppy. Very attractive. Light silvery pink with a light maroon blotch.....	4.00	37.50
Flashy Glow. Yellow with an orange cast, clearer than most others of this type. Blooms late mid-season	2.50	20.00
Gold of Ophir. 24 inches. Golden orange which develops into the nearest yellow of any Oriental Poppy as the plant grows grows older. May be disappointing the first year, but will repay you for waiting	2.50	20.00
Mary Jane Miller. Very large flower of intense shade of geranium pink, carried on long stiff stems. An early, prolific bloomer. Outstanding	4.00	37.50
Phenomenal. The finest soft, clear pink poppy grown today. Crinkly, deep-rose-pink, with a crimson maroon blotch at base of petals. Flowers are unusually large on strong stiff stems. The best Oriental Poppy of all.....	2.90	25.00
Purity. Pure, soft pink without spot or blemish.....	2.50	20.00
Red Lacquer. 44 inches. Deep crimson of giant size	3.00	26.00
White Queen. Of more dwarf growth, dead white, small intense black spots	3.00	26.00

TRITOMA, Kniphofia, Red Hot Poker (RG)

Towers of Gold. Exceptionally showy, with large, rich, golden yellow flower trusses. Vigorous, free flowering, and as fine for cutting as for garden display. August and September. About 30 inches	1.80	15.00
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VERBENA, HARDY (RG).

Separate colors, Pink and Red. This is a truly wonderful perennial. Blooms from early spring until frost. Excellent ground cover needing a little protection through the winter. We have these in separate colors, red and pink.....	1.20	10.00
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VIOLET (RG).

Double Russian. We are extremely pleased to be able to offer this highly scented Violet, which has been very difficult to obtain for many years. Double flowers, extremely fragrant. It is a slow grower, and does not spread much. Suitable for shady cool places, and especially adapted to cold frame work. Winter flowering. (Retail, \$1.10 per 3; \$3.30 per 12; \$20.00 per 100)	1.40	12.00
Prince of Wales. This is one of the newer English Violets. Very fragrant. Two blooming seasons, early in the spring and late in the fall. Flowers extra large. Color Royal Purple.....	.95	8.00

STANDARD VARIETIES OF PERENNIALS

	Per 10	Per 100
ACHILLEA, Milfoil or Yarrow (RG).		
Aurea Tomentosa. Rosettes of silver foliage with clustered heads of bright yellow flowers. Plant 4 in. apart. 6 to 12 in. June...\$	0.95	\$ 8.00
Filipendula. Bright yellow flowers in flat heads. Lace-like foliage. 2 to 3 ft. high. June to September.....	1.40	12.00
Millefolium Rubra. (Rosy Milfoil.) Finely cut foliage, soft rose flower head. 18 in. June-August.....	.80	7.00
Ptarmica, The Pearl. Large double white. 18 in. June-July.....	.80	7.00
ALTHEA ROSEA, Hollyhock.		
Double Varieties. Separate colors, Red, Pink, White, Yellow, Purple. 4 ft. July.....	.80	7.00
ALYSSUM, Rock Madwort (RG).		
Argenteum. Dense growth. Leaves silvery beneath, flowers yellow, in clustered heads, all summer. Height about 15 inches .....	.95	8.00
Rostratum. Prostrate, almost shrubby, hoary grey. Flowers pale yellow, unbranched heads. 1 ft. May to July.....	.95	8.00
Saxatile Compactum, (Basket of Gold). Masses of bright yellow flowers. Sprawling habit. 10 in. May.....	.80	7.00

PERENNIALS—Continued

ANCHUSA, Bugloss.

	Per 10	Per 100
<i>Italica</i> Var. <i>Dropmore</i> . Bright blue. 3 to 4 ft. All summer.....	\$0.95	\$ 8.00
<i>Myosotidiflora</i> (RG). Dwarf. Clusters of Gentian blue forget-me-not like flowers. 12 in. May-June.....	1.40	12.00

ANEMONE, Windflower (RG).

<i>Pulsatilla</i> . Violet. 12 in. April and May.....	1.40	12.00
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ANTHEMIS, Chamomile.

New Art Shades. (See New and Special Items).....	1.20	10.00
<i>Tinctoria</i> . Golden yellow, cut-leaved foliage. 18 in. June to August80	7.00

AQUILEGIA, Columbine. May-June (RG).

<i>Alpina</i> . Dark blue flowers. Beautiful short spurred form. Very rare. 1 ft. ....	.95	8.00
<i>Caerulea</i> (Rocky Mountain Blue Columbine). Blue flowers with long spurs. 2 ft.....	1.40	12.00
<i>California Hybrids</i> . Yellow with red spurs. 2 ft.....	.95	8.00
<i>Canadensis</i> . Scarlet and yellow. 2 ft.....	.95	8.00
<i>Chrysantha</i> . Golden yellow, blooming later than the long-spurred Hybrids, late June and July. 2½ to 3 ft.....	.95	8.00
<i>Crimson Star</i> . (See New and Special Items).....	1.20	10.00
<i>Dobbies Imperial Hybrids</i> . Fine, wide assortment of colors, very sturdy, of great size. A recent English triumph.....	1.20	10.00
<i>Grandiflora</i> . Pure snow white	1.20	10.00
<i>Monarch Hybrids</i> . (See New and Special Items).....	1.40	12.00
<i>Mrs. Scott Elliott's Long Spurred Hybrids</i> . Finest of all long-spurred mixtures, striking colors and combinations. 3 ft....	.95	8.00
<i>Silver Queen</i> . (See New and Special Items).....	1.20	10.00
<i>Skinneri</i> . Yellow tipped green, scarlet spurs, adapted to shady places80	7.00

ARABIS, Rock Cress.

<i>Alpina</i> (RG). Pure white. June. 6 in.....	.95	8.00
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ARTEMISIA, Wormwood (RG).

<i>Pontica</i> . Silvery-gray foliage. Very desirable.....	.70	6.00
<i>Silver King</i> . Silver white, color effect frosted silver. Beautiful in combinations .....	.80	7.00

ASCLEPIAS, Butterfly Weed (RG).

<i>Tuberosa</i> . Brilliant orange flowers, decorative seed pods. July and August. 18 in.....	.95	8.00
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ASTERS, NEW DWARF VARIETIES (RG).

(See New and Special Items)

<i>Nancy</i> . (See New and Special Items).....	1.20	10.00
<i>Snow Sprite</i> . (See New and Special Items).....	1.80	15.00
<i>Star of Wartburg</i> . (See New and Special Items)	1.40	12.00

ASTERS, SPECIAL TYPES. Starwort or Michaelmas Daisy.

These varieties of Hardy Asters are of the stronger growing sorts. Very fine for background planting, and for cut flowers.

<i>Blue Gem</i> . (See New and Special Items).....	1.40	12.00
<i>Queen Elizabeth</i> . Improved white. Semi Double. Individual flowers are large, excellent substance, nicely placed on branching sprays. Early September. 3 ft.....	1.40	12.00
<i>Red Rover</i> . (See New and Special Items).....	1.40	12.00

ASTERS, ALPINUS VARIETIES (RG).

Mostly of dwarf compact growth, 6 to 12 inches high, fall blooming and a perfect mass of flowers when in bloom. Good for low borders and rock gardens.

<i>Alpinus Blue</i> . Light blue, fairly large.....	1.20	10.00
<i>Alpinus Albus</i> . White flowers, neat plants.....	1.20	10.00

ASTIBLE, Perennial Spirea (RG).

<i>Gloria</i> . Rich deep pink rose. 18 in. Late.....	2.40	20.00
<i>Kriemhilde</i> . Salmon-pink feathery spikes. 18 in.....	2.40	20.00
<i>Marguerite Von Rechteren</i> . Bright red tinged with dark blue. 3 ft.	2.40	20.00
<i>Queen Alexandra</i> . Clear pink. June and July. 18 in.....	2.40	20.00

BAPTISIA, False Indigo.

<i>Australis</i> . Pea-shaped flowers of deep blue. June. 30 in.....	.95	8.00
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PERENNIALS—Continued

BUDDLEIA, Butterfly Bush or Summer Lilac.

Perennial shrub. 4 to 5 ft.

Alternifolia. Lilac-purple flower, borne on long arching branches.

Beautiful foliage. The hardiest of all varieties of Buddleia.

	Per 10	Per 100
Medium	\$1.40	\$12.00
No. 1	1.90	16.00
Charming (See New and Special Items)	4.00	.....
Concord. Pot Plants. (See New and Special Items).....	2.50	.....
Dubonnet. Pot plants. (See New and Special Items).....	2.50	.....
Eleanor. Pot Plants. (See New and Special Items).....	2.50	.....
Farquhar. Lilac pink flowers with orange center. Fragrant.		
Medium	1.15	9.00
No. 1	1.40	12.00
Fortune. (Plant Patent No. 206). See New and Special Items)	3.50	25.00
Ile de France. Large flowers of rich reddish purple. Borne on long panicles.		
Medium	1.20	10.00
No. 1	1.40	12.00

CAMPANULA, Belleflower.

Calycanthemum Rose. (Cup and Saucer) Biennial. Lovely rose-pink flowers. Tall. May and June.....

Carpatica (Carpathian Harebell). (RG). Clear blue. Low growing edging plant. June until October. 8 in.....

Medium (Canterbury Bells). In separate colors, Blue, Rose, and White. June. 2 ft.....

CENTAUREA, Hardheads or Knapweed.

Babylonia (Babylonian Centaury). Yellow, well adapted for borders and margins of shrubberies. July. 2 to 3 ft.....

Macrocephala. Large yellow flowers, large heads. July-August. 3½ ft.

Montana. Violet-blue flowers, large. July to September. 2 ft..

Rigidifolia. Pink flowers with branched stems. July. 20 in..

Ruthenica. Lovely lemon-yellow flowers on handsome plant. July to September. About 5 ft. high.....

CERASTIUM, Snow in Summer (RG).

Biebersteini. Pure white flowers. Cottony foliage. Early. Low growing

CHELONE, Turtle-head or Shell Flower.

Glabra Coccinea. Scarlet with yellow. July-August. 2 to 3 ft..

CHIVES.

Sometimes called Wild Onion.....

CHRYSANTHEMUMS, HARDY OUTDOOR.

*Some of the varieties starred, particularly on early blooming types, are hard to handle as dormant plants, so for that reason, we are handling them as both dormant and potted plants. In making up your order, specify which you prefer and your preference will be given as far as possible.

* Aladdin. Rich apricot bronze, turning to Apricot Red and Gold. Early in the summer until frost.....	1.20	10.00
Autumn Glow. Glowing Crimson. October. 18 in.....	.80	7.00
* Capt. R. H. Cook. A most popular Pom Pom flowered variety. Clear deep rose colored petals, tipped golden bronze. Tall grower. 18 inches	1.20	10.00
Cushion, Bronze (RG). (See New and Special Items).....	1.40	12.00
Cushion, King or Red (RG). (See New and Special Items)....	1.40	12.00
Cushion, Pink (RG). (See New and Special Items).....	.95	8.00
Cushion Queen, or White (RG). (See New and Special Items)..	1.40	12.00
Cushion, Yellow (RG). (See New and Special Items).....	1.40	12.00
* Early Bronze. Pom Pom. Bronze yellow, free blooming early flowering. Late August. 18 in.....	.95	8.00
F. L. Quinola. Bright yellow. September. 18 in.....	.80	7.00
* Fern Ridge. Fiery-red with high orange center, single. Profuse bloomer. Strong grower. Early October. 1½ to 2 ft.....	1.20	10.00
* Fez (RG). A fine chestnut-crimson, small flowers, about 1½ in. Growth upright and sturdy. September-October 18 in.....	1.80	15.00
Indian. Brownish-red. October. 3 ft.....	.80	7.00
Indian Summer. (See New and Special Items).....	2.50	....
* Judith Anderson. Pom Pom. Early flowering. Clear buttercup-yellow. Small, well-rounded flowers, about 1½ in. across. September-October. 18 in.....	1.20	10.00
Lavender Lady. (See New and Special Items).....	5.00	....
Marie Antoinette. Rose. September-October. 18 in.....	.95	8.00
* Mrs. Richardson. Pom Pom. Pure white. September-October. 18 in.	1.20	10.00

PERENNIALS—Continued

CHRYSANTHEMUMS, HARDY OUTDOOR—Continued

	Per 10	Per 100
Normandy Pink. Creamy pink. September. 3½ ft.....	\$1.20	\$10.00
*Nellie Kleris. Clear Pink. Mid-season. 18 in.....	1.20	10.00
Pale Moon. (See New and Special Items).....	5.00	....
*Red Flare. The first bright red garden variety. Pom Pom. 2 inches in diameter. Height 20 inches. Strong upright growth. Matures about the middle of October.....	.95	8.00
Rose Glow. (See New and Special Items).....	5.00	....
Rosy Morn. Silver Pink. September-October. 3 ft.....	.95	8.00
*Ruth Hatton. Beautiful clear ivory-white. Very hardy. October. 18 in. ....	.95	8.00
Symphony. (See New and Special Items).....	3.50	....
*Tints of Gold. Golden yellow with red near base of petals. Early. 18 in.....	1.20	10.00
White Doty. Pom Pom. Pure white. October. 18 in.....	.95	8.00
White Gull. Dwarf baby pom pom, pure white, compact growth not exceeding 12 inches. Great abundance of flowers, 1 inch in diameter. In full flower August 20th.....	1.40	12.00

CHRYSANTHEMUM, KOREAN HYBRIDS (RG).

Fine for cold climates where ordinary Chrysanthemum winter-kills. Noted for their lovely colors. Early blooming, easy to grow, and profuse bloomers.

*Apollo. Sparkling combination of bronze, red, and gold suffused with glowing salmon. October. 2½ ft.....	1.20	10.00
*Ceres. Old gold chamois-yellow and coppery bronze. October. Height 1½ feet. Flowers 2 inches in diameter.....	1.20	10.00
*Daphne. Lovely shade of Daphne-Pink, with underlying sheen of lilac-rose, enhanced with prominent golden stamens in center. October. 2 to 2½ ft.....	.95	8.00
Diana. Rose-pink, lilac-rose and soft salmon. October. Height 2 feet	1.20	10.00

CHRYSANTHEMUM MAXIMUM, Shasta Daisy.

Alaska. Large white flowers, June to August. 2 ft.....	.70	6.00
Diener's Double White. Recent development of full, shaggy, double flowers of glistening white. Hardy, robust grower. Early. 2½ to 3 ft.....	.80	7.00
Praecox Perfection. Pure white flowers, well shaped, valuable for cutting. Early, in bloom for Memorial Day. 2 ft.....	.70	6.00
Praecox White Lady. Semi-double white flowers, very free flowering. May and June. 2 ft.....	.70	6.00

COREOPSIS, Tickseed.

Double Sunburst. Double flowers, golden-yellow. Blooms all summer. 20 to 30 in.....	.95	8.00
Grandiflora Auricula. Large yellow blooms, reddish band in eye. All summer. 2 ft.....	.70	6.00
Lanceolata Grandiflora. Very large yellow, daisy-like flowers, June and July. 2 ft.....	.60	5.00
Mayfield Giant. An improved, large single, of brilliant yellow..	.80	7.00

DELPHINIUM, Larkspur.

Belladonna, Clivedon Beauty. (See New and Special Items)....	.95	8.00
Bellamosa. Dark Blue, blooms all summer, 4 ft. Strong 1 year plants.....	.80	7.00
Bellamosa, LaMartine. (See New and Special Items).....	1.15	9.00
English Hybrids, Blackmore & Langdon. (See New and Special Items)	1.40	12.00
Le Mastodonte. Large, semi-double flower of light purple with black center. 4 to 5 ft. Blooms all summer.....	1.15	9.00
Monarch. Varied colors. Double blooms. 4 to 5 ft. Blooms all summer	1.20	10.00

*DIANTHUS.

*Barbatus, Old Fashioned Sweet William.

Album. Fl. Pl. Double white. May-June. 15 in.....	.80	7.00
Coccineus (Scarlet Beauty). Brilliant crimson. May-June. 15 in.	.80	7.00
Marginatus Grandiflora. Calico-colored, extra large. May and June. 15 in.....	.80	7.00

PERENNIALS—Continued

DIANTHUS—Continued

	Per 10	Per 100
Nigricans. Deep red, almost black. Very valuable. June until September. 15 in.	\$ 0.80	\$ 7.00
*Carophyllus, Carnation and Clove Pinks (RG). This is the only Carnation Pink we can recommend as being truly hardy.		
Grenadin Hardy Carnations (RG). This is the hardiest of all outdoor Carnations. Very fragrant, producing on long stems. The finest of all varieties in separate colors, King of the Blacks, deep red; white; Sun God, light yellow; Scarlet; Pink. June to August. 2 ft.		
White Gold. Double soft yellow. ....	.70	6.00
*Deltoides, Maiden Pinks (RG). Beautiful little plants, blooming throughout the summer, 8 in. Separate colors, white and rosy pink .....	.80	7.00
*Latifolius Atrococcineus, Fl. Pl.		
Everblooming Japanese Sweet William. Fiery crimson. Blooms all summer. 18 in. ....	.80	7.00
*Plumarius, Hardy Garden Pinks.		
Semperflorens (Perpetual Flowering). Separate colors, rose or pink. Blooms all summer. 18 in. ....	.80	7.00
DICENTRA, Bleeding Heart.		
Spectabilis (Old Fashioned Bleeding Heart). Graceful heart-shaped flowers, rose pink. May-June. 1 to 2 ft. 3 to 5 eye undivided plants	1.90	16.00
Eximia (RG). (See New and Special Items)	1.00	9.00
DICTAMNUS, Gas plant or Fraxinella.		
Fraxinella Rose. Rosy pink flowers with deeper veins. June and July. Very showy. 2½ ft.	1.40	12.00
DIGITALIS, Fox Glove.		
Most attractive for the border or woodland garden. Biennial. Blooms during June and July. 2 ft. Separate colors, purple, rose, and white.	1.10	9.00
ERYNGIUM, Sea Holly.		
Planum. Branching heads. Stems of glistening metallic sheen. At its best in July and August. 30 in. Separate colors, rose and steel blue.	1.20	10.00
EUPATORIUM, Hardy ageratum.		
Coelestinum. Very hardy plant. Light purple-blue flowers. August. 18 to 24 in. ....	.80	7.00
*FERNS, Hardy Outdoor (RG).		
Goldie's Wood, (Aspidium). Evergreen variety. 2 ft. ....	.95	8.00
Interrupted, (Osmunda Claytoniana). Found in rather dry, shaded places. Does well under cultivation and in boxes. 3 ft. ....	.95	8.00
Maiden Hair, (Spleenwort Asplenium Tricomane). Most attractive of our Native ferns. Black stems with delicate green fronds. Likes moist spots. 2 ft. ....	.95	8.00
Ostrich Plume, (Onoclea Struthiopteris). Very graceful with finely cut pinnules, 2 to 3 ft. ....	.95	8.00
*FUNKIA, Plaintain Lily (RG).		
Caerulea. Lovely blue flowers, leaves broad. Aug.-Sept. 18 in..	.95	8.00
Lancifolia. Lily blue flowers, long narrow leaves, of dull green. Profuse bloomer. Excellent plant for shade and hedging. July-August. 2 ft. ....	.95	8.00
Subcordata Grandiflora. Pure white, lily shaped. August and September. 18 in.	1.80	15.00
Variegated. Blue flowers with variegated foliage. Excellent for edgings. Early. 2 ft. ....	.95	8.00
*GAILLARDIA, Blanket Flower (RG).		
Burgundy. Wine red flower with beautiful sheen. June until frost. 1½ to 2 ft. ....	.95	8.00
Goblin. Dwarf. Bushy plants 12 to 15 inches high. Covered with golden yellow and red flowers. ....	.80	7.00
Grandiflora Maxima. Deep orange-yellow. Blooms all summer. 2 ft. ....	.80	7.00
Monarch Strain. Varied colors. Robust strain. Flowers extremely large and of perfect form. All summer. 2 ft.	1.20	10.00
Portola Hybrids. Very robust growing. Shades of bronzy red with golden tips.	1.20	10.00
Sun God. (See New and Special Items)	1.80	15.00
Tangerine. Tangerine orange of great beauty.	1.20	10.00

PERENNIALS—Continued

	Per 10	Per 100
GRASSES, Hardy Ornamental.		
Phalaris Arundinacea Variegated, (Variegated Ribbon Grass). Leaves longitudinally striped with white. July. 12 in.....	\$.70	\$ 6.00
GYPSOPHILA, Baby's Breath.		
Bristol Fairy. Wonderful, new double white flowers, in which the individual blossom is much larger. Highly prized for cutting. Flowers continuously through the summer. 2 ft.....	2.40	20.00
Paniculata Compacta. Pinkish white. July. 2 ft.....	.70	6.00
Rosy Veil. (See New and Special Items).....	1.80	15.00
HELIOPSIS, Hardy Zinnia.		
Pitcheriana. Large, brilliant yellow flowers, good for cut flowers, foliage desirable. August to September. 4 ft.....	.70	6.00
HEMEROCALLIS, Day Lily.		
Fulva, (Brown Day Lily). Coppery-orange, shaded crimson. July. 2 ft.....	.80	7.00
Hyperion. (See New and Special Items).....	4.00	35.00
Thunbergi. Bright yellow flowers. July. 3 ft.....	.80	7.00
HESPERIS, Sweet Rocket or Dame's Violet.		
Matronalis. Showy spikes of fragrant purple. June and July. 2 to 3 ft.....	.95	8.00
HEUCHERA.		
Brizoides. Bright pink blooms, very free flowering. Blooms in May .....	.90	8.00
Sanguinea. Bright crimson on 12 to 18 inch stems in June to September. Free flowering. Excellent for rock garden.....	.80	7.00
HIBISCUS, Mallow.		
Giant Flowering. A wonderfully improved form of native Marshmallow or Rose Mallow. Separate colors, Pink, White, Red and Crimson Eye. August and September. 4 to 5 ft.....	.80	7.00
HIERACIUM, Hawk Weed.		
Aurantiacum, (Orange Hawk Weed). Orange flowers. July. 15 in.	.70	6.00
*IBERIS, Hardy Candytuft.		
Gibraltarica. Covered with dense heads of flowers in early spring. Evergreen foliage. Dwarf. 8 in.....	.95	8.00
Sempervirens. Literally covered with sheet of white in May and June. Dwarf, evergreen foliage. 8 in.....	.95	8.00

IRIS

We have revised our 1939 Iris list, and have added several good varieties, which are worthy of your serious consideration. We have divided our Iris into three groups—the "Extra Good" varieties, "Medium Priced" varieties and "Standard" varieties. We guarantee our Iris to be true to name, and are available for shipment any time. In fact, Iris can be transplanted most any month of the year, providing the frost is out of the ground.

EXTRA GOOD VARIETIES.	Per 10	Per 100
This list contains some of the World's Finest Iris. Practically all of them are recent introductions and are much improved over the old type. If you have never handled any of these "Extra Good" varieties, it would be our suggestion that you try a few of them. Your customers will enjoy getting acquainted with them.		
Acacia Rose, medium height. Large rose petaled flowers.....	\$1.80	\$15.00
Alice Horsefall, a big dark velvety red-purple intermediate and one of the finest of this class. An orange beard gives a fine contrast; 30 in. Blooms well into tall bearded class.....	2.10	17.50
Ambassadeur, deep rich blend. S. bronze; F. maroon. Winner of American Iris Society Popularity Contest. 42 in.....	.50	4.00
Asia, a beautiful silvery lavender blend. lit by a bright yellow beard. An Iris of elegance and deserved popularity. Late, 36 in.	.95	8.00
Autumn King, this is the first of a new race of Iris, that bloom both in the spring and fall. The flowers are large, a lovely blue purple .....	.80	7.00
Beau Ideal, one of the distinctive Sass plicatas, notable for the wide solid border of Chinese Violet on a white background. Very unusual and fine, 34 in.....	.60	5.00
Blue Glory, S. light blue; F. darker blue.....	.60	5.00
Buto, rich velvety deep royal purple. Gigantic flower of perfect form, 30 in.....	.70	6.00

PERENNIALS—Continued

IRIS, EXTRA GOOD VARIETIES—Continued	Per 10	Per 100
Chasseur, 36 in., one of the largest and finest yellow Iris with bright Prussian red veinings at the throat.....	\$ 1.40	\$12.00
Church Mouse, a new color break greatly admired, a brown Iris, self Hays' Brown of Ridgway. Medium sized flowers on 36 in. stems. No other Iris like it.....	1.40	12.00
Clara Noyes, a gorgeous blend of orange yellow, and red of Talisman rose coloring.....	2.10	17.50
Dolly Madison, a glorified Quaker Lady type. Large flowers of blended soft mauve and soft yellow. Finest of its type, 36 in..	.60	5.00
Euphony, standing petals, mustard yellow tipped Chamoise, ruffled. Drooping petals spreading of same color well marked with a large central zone of blue, 36 in.....	.95	8.00
Imperator, a fine extra large toned Iris that makes a striking garden effect. Given an Award of Merit at Wisley, England, 30 in. ....	.60	5.00
King Juba, a clear colored large flowered variegata, the brilliant contrast between the yellow standards and wide solid deep velvety red falls, makes this a strking and much admired Iris. Very large flowers on 36 to 40 in. stem.....	1.80	15.00
King Karl, beautifully ruffled light pinkish cinnamon standards. F. cream sanded in an all-over pattern of liseran purple with a yellow beard. The bloom takes on beautiful rosy tones as it ages. 27 in.....	1.80	15.00
King Midas, S. golden buff suffused garnet brown; F. velvety iridescent garnet brown edged golden buff. The heavy beard is of deepest orange. The center of the flower and the hafts are illuminated with intense golden lights. 30 in.....	2.40	20.00
Lord of June, a very fragrant gigantic blue bicolor, flowers measuring 7 inches, 40 in.....	.45	4.00
Midgard, a lovely soft-pink and soft-yellow blend. Always popular. 30 in.....	.50	4.00
Mother of Pearl, standards and falls pale bluish lavender with a faint creamy undertone. Large flowers of perfect form on well branched stems, 44 in.....	.50	4.00
Opera, a rich violet-red bicolor. Standing petals bright rich pansy-violet. Drooping petals rich velvety violet-purple. Vigorous and free.....	.95	8.00
Prairie Gold, beautiful golden-yellow. Introduced by Sass. Flower very large and fragrant. 34 in.....	1.20	10.00
Rameses, a vigorous, healthy grower in all parts of the country and a fast increaser and free bloomer. In color, pink and rose toned blend. S. light russet vinaceous with yellow glow at the center; F. flaring to drooping. Tourmaline pink. Heavy apricot beard with 36 inch well branched graceful stem.....	1.40	12.00
Rose Unique, S. & F. delicate blush rose. The only variety of its color in this section.....	1.40	12.00
Souv. De Mme. Gaudichau, a rich, deep velvety purple Iris; of fine shape and finish. Tall, early and very distinct. One of the most striking and remarkable of all, 42 in.....	.60	5.00
Susan Bliss, rich rose pink self with a delicate purplish sheen. Pale orange beard. An Iris of good form and fine substance, 40 in. ....	.60	5.00

MEDIUM PRICED VARIETIES.

	Per 10	Per 100
F. C. Shaw, S. light claret; F. claret veined and shaded black. Fragrant	\$ 0.70	\$ 6.00
Isoline, round standards of pale pinkish buff, strongly flushed mauve; the sharply reflexed falls are Chinese violet with russet tints at the sides.....	.35	3.00
Kathryn Fryer, S. clear sulphur yellow; F. rich violet-carmine with a lighter border.....	.35	3.00
Lent A. Williamson, violet bicolor blend, 42 in.....	.30	2.50
Leota, white, early.....	.30	2.50
Prospero, a gorgeous flower of large size, on very tall, erect stems. Free flowering, hardy and rugged.....	.35	3.00
Queen Caterina, very fragrant. Iridescent soft lavender-violet. 38 in. ....	.30	2.50
Queen of May, a soft rose-lilac, almost pink. A beautiful tall growing variety. 32 in.....	.30	2.50
Seminole, one of the older varieties which is still hard to beat for its rich velvety crimson tone. 30 in.....	.60	5.00
Shekinah, fragrant. A handsome clear soft yellow, with beautifully ruffled standards, 36 in.....	.45	4.00
Storm Cloud, copperish bronze.....	.30	2.50

PERENNIALS—Continued

IRIS, MEDIUM PRICED VARIETIES—Continued

	Per 10	Per 100
Virginia Moore, bright yellow. Extra large bloom for a yellow variety	\$ 0.35	\$ 3.00
W. J. Fryer, ruffled standards are of glistening old gold, and falls are of maroon with violet center and narrow yellow edging..	.35	3.00
Zwanenburg, very large flower of the most unusual coloring. The large silky, cupshaped standards are cream colored flushed soft violet. The smooth velvety falls are rich old gold, splashed irregularly with soft maroon, 20 in.....	.70	6.00

STANDARD VARIETIES.

	Per 100	Per 1000
The following varieties at.....	\$2.40	\$20.00
A. E. Kundred, S. yellow-bronze tinged with magenta; F. magenta red tinged with bronze, reticulated yellow from center to base. Conspicuous orange beard.		
Afterglow, tall, soft pink of buff-gray, shading to rich yellow through the center. Very large flowers, 36 in.		
Agnes, S. F. reticulated blue.		
Albert Victor, S. soft blue; F. light lavender. Large flower.		
Caprice, S. rosy red; F. deeper rosy red. Large, handsome, 24 in.		
Dr. Bernice, S. bronzy-yellow; F. rich crimson, 24 in.		
Eldorado, S. yellowish-bronze, shaded with heliotrope; F. bright purple, shaded bronze. 30 in.		
Fairy, white, delicately bordered and suffused pale blue. The tallest standard variety giving a white effect.		
Flavescens, a delicate shade of soft yellow.		
Gertrude, rare violet-blue. Very large, 24 in.		
Halfdan, S. & F. mottled white. Fragrant, 20 in.		
Johan De Witte, mid-season. S. bluish-violet; F. deep purple, veined white, 24 in.		
Juniata, S. & F. clear blue. Late, tall, 32 in.		
Kochi, fragrant, bright rich red-purple. Very free flowering and a great favorite for mass planting. 24 in.		
Leda, white frilled and dotted rose.		
Lohengrin, late. Catalyea-rose, 36 in.		
Lorely, S. canary yellow; F. creamy-white with purplish reticulation, blending into purple blotches near the edges. Ends of petals bordered deep canary, 30 in.		
Mary Garden, S. pale yellow, flushed pale lavender; F. creamy-white minutely dotted and veined maroon. Stigmas clear yellow.		
Mme. Chereau, S. and F. pure white with clear frilled lavender edge. Mid-season. 30 in.		
Mme. Pacquette, deep rose red.		
Monsignor, late. Standards violet, falls heavily veined purple, leaving a border of the violet, 36 in.		
Mrs. H. Darwin, snow-white, F. white slightly reticulated violet at base. One of the best whites.		
Nibelungen, S. Fawn and yellow; F. violet-purple on bronze. Very large flowers, strong, vigorous grower.		
Perfection, rich violet-blue flowers freely produced. Strong growing Iris of fine form.		
Princess Victoria Louise, yellow and plum. Late mid-season, 36 in.		
Prosper Laugier, bronzy-red. Late mid-season, 36 in.		
Purple King, S. purple; F. deeper purple, 24 in.		
Quaker Lady, lavender and yellow. Late mid-season, 30 in.		
Rheine Nixe, white and blue. Late, 30 in.		
Sherwin Wright, golden-yellow. Late mid-season, 24 in.		

PUMILA IRIS.

	Per 10	Per 100
Pumila are the dwarf, miniature types growing from four to six inches high and are one of the first flowers to bloom in Spring.		
Betsy Presby, 5 in. One of the very best deep bright yellows, of perfect form and heavy wavy texture.....	\$ 0.70	\$ 6.00
Dr. Potter, 8 in. A rich velvety Gem, with standards of mulberry-purple and falls of fluorite-violet.....	.70	6.00
Golden Queen, rich, golden yellow.....	.70	6.00
Pumila Alba, pure white, 8 in. ....	.70	6.00
Sass No. 19, purplish-red.....	.70	6.00

SIBERIAN IRIS.

Blue Owl. 36 inches. Fine rich blue with triangular white throat, veined purple	1.20	10.00
Caesar. 30 inches. The richest colored of Siberian Iris. A brilliant red purple of large size.....	1.20	10.00
Mrs. Rowe. 30 inches. Silvery white, flushed rose.....	1.20	10.00
Nora Distin. 30 inches. Standards clear violet, falls white edged and veined China blue.....	1.20	10.00

IRIS, JAPANESE MIXED. All colors.....	.70	6.00
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PERENNIALS—Continued

	Per 10	Per 100
LATHYRUS LATIFOLIUS. Perennial or Everlasting Pea.		
This lovely trailing plant blooms all summer. In separate colors, Crimson King; Pink Beauty; Rose Queen; White Queen.....	\$ 0.80	\$ 7.00

LIATRIS, Blazing Star or Gay-Feather (RG).		
Pycnostachya. Beautiful and very unusual. Rich purple flowers on long, narrow spikes. 4 ft. tall. Mid-summer.....	.95	8.00

LILIUM (RG)

	Per 10	Per 100
*Auratum. White with bands of gold, spotted crimson.		
6 to 8 inches.....	\$ 1.40	\$12.00
8 to 9 inches.....	1.80	15.00
Batemanniae. Rich orange apricot color. Bloom in late July. Stems attain height of 3 to 4 feet and carry 10 to 20 flowers each.		
5 to 6 inches.....	1.40	12.00
Elegans Tip Top, (Red Russian Lily). (See New and Special Items.)		
4 to 6 inches.....	.60	5.00
6 to 8 inches.....	1.20	10.00
Henryi. Flowers of rich orange coloring with green bands.		
7 to 9 inches.....	1.20	10.00
*Magnificum. Vigorous grower. Color rich carmine on white ground with dark carmine spots.		
7 to 8 inches.....	1.20	10.00
Phillipenese Formosa. White with reddish brown shading.		
4 to 6 inches.....	.70	6.00
Regal. Outside streaked with brown shading to pink, inside flushed yellow in center shading to pure white at outer edge.		
3 to 4 inches.....	.45	4.00
4 to 6 inches.....	.60	5.00
6 to 8 inches.....	1.20	10.00
*Speciosum Rubrum. Rich carmine on white ground with crimson spots. A vigorous variety.		
7 to 8 inches.....	1.20	10.00
Tennulfolium. Deep scarlet, waxen, recurved flowers on wiry stem. Flowering size bulbs.....	.95	8.00
Tigrinum. Flowers orange-red and spotted purple.		
DOUBLE, 4 to 6 inches.....	.70	6.00
" 6 to 8 inches.....	1.20	10.00
SINGLE, 4 to 6 inches.....	.60	5.00
" 6 to 8 inches.....	1.15	9.00

LILY OF THE VALLEY.		
Extra strong plants with long roots. Fine foliage and profuse bloomers.		
Pips .....	.25	2.00
Clumps	1.80	15.00

LINUM, Hardy Flax.		
Lovely, free flowering, hardy perennials, with feathery leaves. In separate colors, Perenne blue; Campanulatum, yellow. July and August.		
18 inches .....	.80	7.00

LUPINES.		
Unusually beautiful perennial. Striking pea-shaped flowers are borne on 3 to 4-foot spikes. June and July. Must have plenty of moisture. In separate colors, Blue; Princess Juliana (pink); Rose	1.15	9.00
Blue King. Blue with very long spikes.....	1.20	10.00
Brightest and Best Red. Red.....	1.20	10.00
Gold Crest. Deep yellow.....	1.20	10.00
Russell Hybrids. (See New and Special Items).....	3.50	30.00
White Lady	1.15	9.00

PERENNIALS—Continued

LYCHNIS, Champion (RG).		
Large heads of brightly colored flowers, which brighten up the border. June and July. 2 ft.	Per 10	Per 100
Chalcedonia (Maltese Cross). Scarlet	\$ 0.80	\$ 7.00
MATRICARIA, Double Mayweed, Feverfew (RG).		
Popular perennial with finely divided leaves and double flowers. Low growing. Blooms all summer. 1½ ft. high.		
Capensis Fl. Pl., Double White.....	.80	7.00
MONARDA, Bee Balm.		
Didyma. Cambridge Scarlet. Aromatic foliage, bright scarlet flowers, profuse bloomer. June until August. 2 ft.....	.80	7.00
MYOSOTIS, Forget-me-not (RG).		
Lovely flower, familiar to almost everyone. Bloom in early spring.		
Palustris (Alpine Forget-me-not). Tiny blue flowers. Blooms all summer. 8 in. ....	.70	6.00
NEPETA, Ground Ivy, Catmint (RG).		
Excellent for mossing in the garden. Silvery gray foliage, fragrant.		
Mussini. Everblooming, lavender blue, small leaved. 18 in.....	.80	7.00
OENOTHERA, Evening Primrose (RG).		
Make continuous display of color in rock garden.		
Missouriensis. Lovely yellow, solitary flowers often 4 in. across. Low grower, with prostrate ascending branches, profuse bloomer. June to August. 10 in.....	.95	8.00
PACHYSANDRA, Japanese Spurge (RG).		
Terminalis. Dense mats of glossy green foliage, with small spikes of light colored flowers during May and June. Used to cover shady places. 6 to 8 in.....	.95	8.00

PAPAVER ORIENTALIS

The following Oriental Poppies, with the exception of the Seedlings, are grown from root cutting plants. Some of these varieties are new and improved varieties, and are being introduced by us for the first time in this section of the country. Oriental Poppies, for best results, should be planted the latter part of August, for they are completely dormant at that time. However, some have planted Poppies in the spring with varied success. We have these Poppies available and would be glad to send them to you at your risk. Otherwise, we would recommend that you place your order with us at this time for delivery when dormant in August. 3 to 3½ ft. May and June.

	Per 10	Per 100
Australia. (See New and Special Items).....	\$ 4.00	\$37.50
Beauty of Livermore. 39 in. Deep blood red, extra large, distinctive foliage, sturdy, erect stems.....	1.40	12.00
Betty Ann. (See New and Special Items).....	3.00	26.00
Big Jim. (See New and Special Items).....	3.00	26.00
Cavalier. 34 in. One of Dr. Neeley's latest and best introductions. The very large flowers are crinkly and deep scarlet red. Tall, strong stems make them fine for cutting.....	2.50	20.00
Cerise Beauty. 32 inches. Profuse bloomer, medium sized flowers and height. Flowers are crinkly cerise.....	1.20	10.00
Col. Bowles. 26 in. Scarlet red, immense flowers.....	2.50	20.00
Delicata. 30 in. Unusual old rose pink color. Medium flowers and height. Long blooming period. Heavy bloomer. Does best where shaded from mid-day sun	2.50	20.00
Echo. (See New and Special Items).....	4.00	37.50
Ethel Swete. An English variety similar to Mrs. H. G. Stobart. A pleasing cerise-pink, flowers of medium size.....	2.90	25.00
Fairy. A rose pink, dwarf, very free blooming.....	.95	8.00
Flashy Glow. (See New and Special Items).....	2.50	20.00
Gold of Ophir. (See New and Special Items).....	2.50	20.00
Grossfurst. Shiny red flowers like Wurtembergia, possibly a little better shape. Coal black spots.....	1.40	12.00
Henri Cayeaux. 30 in. Several shades darker than Delicata, might be called Old Rose shading into Burgundy. Medium size, good grower, early bloomer. Distinctive gray-green foliage. Most attractive where protected from mid-day sun.....	2.50	20.00
Jean Mawson. 32 in. A very nice salmon-pink, good and hardy	1.40	12.00

PERENNIALS—Continued
PAPAVER ORIENTALS—Continued

	Per 10	Per 100
Lord Lambourne. Good size flowers, scarlet, which get lacinated when the plant becomes established.....	\$ 1.40	\$12.00
Lula A. Neeley. 34 in. Good strong stems support flowers of brilliant oxblood-red, the color holding until the last. Does well as a cut flower.....	1.40	12.00
Mandarin. 28 in. A splendid scarlet with no spot in the flowers of established plants.....	1.20	10.00
Mary Jane Miller (See New and Special Items).....	4.00	37.50
May Sadler. 30 in. Salmon-pink with black markings. We believe it one of the finest of the pink sorts because of its large flowers and robust growth.....	1.40	12.00
Mrs. Georgianna Potts. A very soft shade of orange, with a tinge of red. cup-shaped	1.40	12.00
Mrs. Perry's Pink. 29 in. Apricot-pink, often called apricot-orange, for its bright apricot coloring makes it difficult of description. Petals marked with a brown blotch. A fine variety and probably the best known of pink Poppies.....	.95	8.00
Mrs. Perry's White. Flowers are a fine satiny white with a crimson-maroon blotch at the base of each petal.....	1.80	15.00
Nancy. 28 in. Deep crimson flowers on long stems, with glossy black blotches at the base of each petal.....	1.40	12.00
Negrillion. 30 in. Purplish-red with a shade of brown, the first to bloom after Olympia. Must have shade to develop the flowers rightly	1.20	10.00
New Perfection. The true variety. An outstanding new dark red. A superb variety	1.20	10.00
Olympia. 32 in. The earliest poppy to bloom. Orange-red. Full double. Flowers perfectly borne on sprawling stems.....	.95	8.00
Oriental Hybrids. 1 yr. Transplants. Scarlet crimson with black spot at base of petal.....	.80	7.00
Oriental Hybrids. 1 yr. Seedlings. Scarlet crimson with black spot at base of petal. (\$35.00 M).....	.45	4.00
Phenomenal. (See New and Special Items).....	2.90	25.00
Pink Beauty. 32 in. Salmon-pink. Very much like Mrs. Perry, but larger and a better shaped plant.....	1.20	10.00
Prosperine. 36 in. Immense chinese-red flowers, probably the largest, borne on very tall, strong stems.....	1.40	12.00
Purity. (See New and Special Items).....	2.50	20.00
Red Flame. Flowers medium size on very straight stems. Lacquer red, the best shaped plants of all.....	1.40	12.00
Red Lacquer. (See New and Special Items).....	3.00	26.00
Sturmfackel. Flowers small on short stems, very prolific. Fiery orange. Really show up when planted in clumps.....	1.40	12.00
Trilby. 26 inches. A beautiful, dark, lustrous red.....	2.50	20.00
Welcome. 40 in. Shiny red like Wurtembergia, but with stronger stems. Good dark green foliage.....	1.40	12.00
White Queen. (See New and Special Items).....	3.00	26.00
Wunderkind. 33 inches. Considered the finest cerise colored poppy, true Begonia rose shade. Well shaped plants and sturdy stems with excellent foliage	2.50	20.00
Wurtembergia. 38 in. Deep red. Flowers borne on long stiff stems. One of the best.....	1.20	10.00
Mixed. Out of named varieties, all colors.....	.95	8.00
Mixed Red. Out of named varieties, of Red.....	.95	8.00

PHLOX (RG)

The Phlox that we are offering are strong one year plants. In addition to the varieties as listed, we have several other new varieties in smaller quantities to offer. If interested in these newer types, we suggest that you drop us a line. August-September. 20 to 30 inches.

Varieties starred can be furnished in a good grade of No. 2 Phlox available at 30% discount from prices specified herein.

	Per 10	Per 100
Annie Laurie. (See New and Special Items).....	\$ 1.10	\$ 9.00
*Athis. Salmon pink. Very prolific grower .....	.80	7.00
Augusta (Plant Patent No. 252). (See New and Special Items)...	2.50	18.00
B. Compte. Best clear reddish-purple, sometimes considered a burgundy shade. An excellent, little known variety.....	.80	7.00
*Beacon. Large full trusses of carmine with wine-red eye.....	.80	7.00
Border Gem. (See New and Special Items).....	1.40	12.00

PERENNIALS—Continued



PHLOX

Block of our one-year field-grown Phlox. Color photographs of these masses of colorful bloom were pictured in the August, 1939, National Geographic Magazine.

PHLOX—Continued	Per 10	Per 100
*Border Queen. (See New and Special Items).....	\$ 0.95	\$ 8.00
*Bridesmaid. Lovely white with rose eye. Trusses are compact and well filled. Very desirable .....	.80	7.00
Brilliant. Large trusses of brilliant scarlet flowers with darker eye .....	.95	8.00
Caroline Van de Berg. (See New and Special Items).....	1.40	12.00
Champs Elysee. Compact heads of rich purple. Not new but desirable .....	.95	8.00
*Colonial. Large, extra good lavender.....	1.20	10.00
Columbia (Plant Patent No. 118). (See New and Special Items)..	1.40	12.00
Daily Sketch. (See New and Special Items).....	1.20	10.00
*Eclairer. Medium sized. well formed heads of rich violet.....	.80	7.00
E. J. Farrington. (See New and Special Items).....	.80	7.00
Feurbrand. Rich deep scarlet. Slightly darker at center. Attractive anthers .....	.95	8.00
*F. G. Von Lassburg. Tall white variety, mid-season.....	.80	7.00
Flora T. Reidy. The loveliest ivory-white Phlox. Large florets on large, well filled trusses. New and unusually desirable....	1.20	10.00
Gen. Petain. Deep wine red with large beautifully shaped flowers	1.20	10.00
Hauptman Koehl. (See New and Special Items).....	1.10	9.00
H. B. May. Large spikes of bright pink.....	1.20	10.00
*Iris. A delicate, full-colored orchid. Holds color well.....	.80	7.00
Jules Sandeau. Dwarf. Large heads of rosy pink flowers.....	.95	8.00
La Vague. Dainty lilac pink with rose eye. Good sized florets. A very satisfactory Phlox .....	.80	7.00
Leo Schlageter. (See New and Special Items).....	1.20	10.00
Miss Lingard (Suffruticosa). White .....	.95	8.00
Morgenrood. (See New and Special Items).....	.95	8.00
*Mrs. Jenkins. White, one of the old standbys.....	.80	7.00
Mrs. Millie Von Hoboken. Bright pink .....	.80	7.00
*Pantheon. Deep salmon rose. Very fragrant.....	.80	7.00
*Prime Minister. Extra large florets of clear white with violet. The best of the bi-colored white .....	.80	7.00

PERENNIALS—Continued

PHLOX—Continued

	Per 10	Per 100
P. D. Williams. (See New and Special Items).....	\$ 1.40	\$12.00
R. P. Struthers. Rich salmon pink with scarlet eye. Large, well filled trusses. Very good .....	.95	8.00
Rheinlander. Salmon pink with carmine eye. Not new but very desirable .....	.80	7.00
*Richard Wallace. White, crimson eye .....	.80	7.00
Rijnstroom. Clear rose-pink with lavender cast. Large, compact trusses. Vigorous grower. Very desirable.....	.95	8.00
Royal Purple. (See New and Special Items).....	1.10	9.00
Thor. Large florets of clear salmon pink with burgundy eye....	.80	7.00
Von Hockberg. Deep velvety scarlet .....	.95	8.00
Wanadis. White with light violet with purple eye. 28 inches....	1.20	10.00

SUBLATA DWARF, Moss or Mountain Pink (RG).

This is a very fine rock garden plant. Blooms very early in the spring in April and May. 4 in.

Alba. Snow white .....	.70	6.00
Atropurpurea. Deep carmine-red, very brilliant display.....	1.20	10.00
Blue Hills. (See New and Special Items).....	1.20	10.00
Rosea. Pink .....	.70	6.00
Vivid. Bright pink, fiery red eye.....	.70	6.00
Wilsoni. Lavender .....	.70	6.00

PHYSALIS, Chinese Lantern Plant (RG).

Francheti. Bright orange-scarlet lantern-like fruits, excellent for winter bouquets. Early fall. 2 ft.....

.70 6.00

PHYSOSTEGIA, False Dragon Head.

Beautiful plant, especially adaptable for cut flowers. August. 3 ft. Separate colors, pink and white.....

.70 6.00

PLATYCODON, Balloon Flower (RG).

Closely related to Campanula. Bloom all summer. 12 in. Separate colors, blue and white.....

.80 7.00

PUERARIA THUNBERGIANA, Kudzu Vine.

Very rapid growing vine. Some say it grows a yard a day.....

.95 8.00

PYRETHRUM, Painted Daisy (RG).

Hybridum Roseum. Produces an abundance of blooms in wide range of colors, from pure white to deep crimson. June to October. Good cut flower. Interesting foliage. 18 in.....

.70 6.00

Hybridum Roseum Atrosanguineum. Same as Roseum, only the blooms as a rule are darker shades. 18 in.....

.80 7.00

Double Choice Mixed. This mixture contains many shades of pink, red, and white. A splendid garden mixture.....

1.20 10.00

RUDBECKIA, Coneflower.

Hardy plants, adapted for the border. Well suited for cutting.

Golden Glow. Produces masses of large golden double yellow flowers in July and August. 6 ft.....

.95 8.00

Purpurea. Reddish purple flowers with very large black cone for center. July to October. 2 ft.....

.80 7.00

SALVIA, Meadow Sage.

Azurea Grandiflora. Azure colored, large flowers. August and September. 5 ft.

.80 7.00

Old Fashioned Sage. Valuable because of the leaves which are used for seasoning. Late summer. 3 ft.....

.80 7.00

SAPONARIA, Soapwort.

Ocymoides Splendens. Rosy pink flowers, produced in great quantities just above the foliage. Trailing vine, appropriate for border or rockery. May and June. 2 ft.....

.95 8.00

SCABIOSA, Pin Cushion Flower.

Caucasica (Blue Bonnet). Soft, lovely shade of lavender blue. Equally good for border or cut flowers. June to September. 18 in.

1.20 10.00

Alba. (Called White Bonnet.) The white form of the preceding.

1.10 9.00

SCUTELLARIA, Skullcap.

Baicalensis coelestina. Clear blue snapdragon-shaped flowers on short, wiry stems. 1 ft. high. July and August.....

.80 7.00

PERENNIALS—Continued

	Per 10	Per 100
SEDUM, Stone Crop or Live Forever (RG).		
America's Greatest Rock Plant. Thick, glaucous leaves, very hardy, drouth resisting. Very adaptable, dwarf varieties indispensable in rock gardens, the medium and taller varieties good in perennial borders.....	\$ 0.70	\$ 6.00
Album. Dwarf and spreading, thick waxy round foliage. White flowers. July. 6 in.		
Anglicum. White. Tiny, moss-like carpeting plant. Profuse bloomer. Early summer.		
Ewersii. Rosy-purple flowers, blue-gray leaves, stocky plants. Deciduous. Early. 8 to 10 in. stems.		
Lyodium Glaucum. Bluish, very fine rock plant. Very odd. All summer. 6 in.		
Middendorffianum. Very choice. Yellow flowers with dark green leaves. Dark reddish rosettes in clusters appear for winter decoration. 6 in.		
Monregalense. Very unusual, white, pink spotted. All summer. 6 in.		
Murale. Evergreen foliage, reddish-purple. White flowers with pink center. 4 to 8 in.		
Oppositifolium. Bright green foliage with rose bloom. July. 4 in.		
Sexangulare. Yellow flowers, very dark green foliage. May-July. 4 in.		
Spurium Roseum. Purplish-red. July and August. 6 in.		
Stonolifera. Purplish pink. July and August. 6 in.		
SEMPERVIVUM, Houseleek (RG).		
Sometimes known as Hen and Chicken. Plants especially good for Rock Garden. Their rosette-like, thick leaves are fleshy and pointed. The small clumps slowly spread, filling pockets and crevices between the rocks.		
Bossier. Leaves are deep green tipped reddish-purple, forming a beautiful rosette, 6 in. to 8 in. in diameter when fully grown. 4 in. ....	.95	8.00
Glauca. Blue green leaves. Rosettes are produced in abundance	.95	8.00
Ternatum. Olive green rosette, tipped brown. Rapid spreader	.95	8.00
SPIREA, Goat's Beard, Meadow Sweet (RG).		
Filipendula (Dropwort). White flowers produced in abundance on stems 15 in. high. Fern-like foliage. June and July.....	1.80	15.00
STACHYS, Woundwort (RG).		
Lanata. Soft silvery foliage, with clusters of light purple flowers. June and July. 4 in.....	.80	7.00
STATICE, Great Sea Lavender (RG). August. 18 in.		
Latifolia, Blue. These plants have broad leathery leaves, producing candelabra-like heads. If cut in full bloom make very valuable winter bouquets .....	.95	8.00
STOKESIA, Cornflower Aster.		
Aster-like flower, with rich green leaves, good for cutting, and very thrifty. August. 12 to 18 in. In separate colors, blue and white.....	.80	7.00
SWEET WILLIAM. (See Dianthus Barbatus.)		
THALICTRUM, Meadow Rue.		
A great favorite for hardy borders, graceful plants; pretty flowers.		
Adiantifolium. Foliage like Maidenhair Fern, tiny white flowers. June. 2 ft. ....	.95	8.00
Aquilegifolium. Rosy purple flowers on graceful foliage like that of Columbine. 2 to 3 ft. spikes. June to July.....	.95	8.00
Glaucum. Yellow flowers, bluish-gray leaves. July. 3 to 4 ft.	.95	8.00
THYMUS, Thyme (RG).		
Serpyllum Coccineum. Dark red flowers, covering the plant completely. Creeping habit, hairy foliage, which is fragrant. June-July .....	.70	6.00
TRITOMA, Kniphofia, Red Hot Poker (RG).		
This perennial is not truly hardy in Northern latitudes and must be taken up and stored through the winter. Foliage grass-like. Blooms range from orange to deep coral. August and September. 30 in.		
Express. A good cut flower, in shades of orange, red and yellow	.70	6.00
Pfitzeriana. This is the genuine Red Hot Poker. Rich orange-scarlet blooms on stems 3 ft. high. Must be grown from divisions. August to October.....	.95	8.00
Towers of Gold. (See New and Special Items).....	1.80	15.00

PERENNIALS—Continued

TUNICA.

	Per 10	Per 100
Saxifrage. Light pink flowers on pretty tufted plant, produced all summer. About 6 inches high.....	\$ 1.40	\$12.00

VERBENA, HARDY (RG).

(See New and Special Items).....	1.20	10.00
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VERONICA, Speedwell (RG).

Elegantissima Dwarf. Excellent rock garden flower. Rose, very beautiful. Mid-summer. 4 to 6 in.....	.95	8.00
Longifolia Subsessilis. This is the best of the Veronicas, producing long spikes completely studded with beautiful blue flowers. July to September. 2 ft.....	1.40	12.00
Spicata. Violet-blue flowers, borne in masses. July and August. 18 in. ....	.80	7.00

VINCA, Periwinkle or Trailing Myrtle.

Minor. Evergreen plant of trailing habit, splendid for use as ground carpet under shrubs or trees. Grows very well where it is too shady for other plants.....	.70	6.00
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VIOLA, ODORATA, Sweet Violet (RG).

Double Russian. (See New and Special Items).....	1.40	12.00
Fry's Fragrant. An old English strain, very large, fragrant, blooms excellent for forcing, deep purple. May. 6 in.....	.95	8.00
Prince of Wales. (See New and Special Items).....	.95	8.00

YUCCA, Adam's Needle (RG).

This plant with its broad, sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or rockery work and stands out among all other plants.		
Filamentosa. Creamy yellow. June. 6 ft.		
3 year	1.20	10.00
2 year .....	.95	8.00
1 year .....	.80	7.00
Filamentosa, Variegated (RG).		
2 year, field grown, 3 ft.....	1.20	10.00
1 year, field grown.....	.95	8.00

SPRING BULBS
CANNAS

These Cannas that we are offering are all northern grown, having been grown here at Shenandoah, properly matured and cured in our own bulb warehouse. We feel sure that you will be well satisfied with these northern grown tubers. They are all fresh, plump and healthy, good strong two and three eye divisions.

	Per 10	Per 100
PINK FLOWERS WITH GREEN FOLIAGE.		
City of Portland. The leading pink, green foliage. 4 ft. tall. Large flowers of watermelon-pink, conceded THE pink.....	.60	5.00
Hungaria. One of the finest pinks, green foliage. 4 ft. tall. Large heads of peach pink. Our choice of Pink Cannas.....	.45	4.00
Mrs. Alfred Conard. 4 ft. Green foliage. The grandest salmon-pink Canna in existence. Magnificent heads of perfectly formed flowers of great size and wonderful substance.....	.60	5.00
Rosamond Cole. 4 ft. A choice Canna, green foliage, large flowers, variegated with the color of a rainbow. A leader among Cannas .....	.45	4.00
Rosea Gigantea. 4 ft. tall. The popular rose-pink, green foliage.	.45	4.00
RED FLOWERS WITH GREEN FOLIAGE.		
Allemania. 5 ft. Green foliage. Orchid-flowering bright scarlet, with broad and irregular yellow border, beautifully mottled and variegated .....	.45	4.00
The President. 4 ft. tall. Glowing scarlet, blue-green foliage. Extra large trusses of brilliant color. The finest Red Canna of today. The foliage is entirely free from disease.....	.45	4.00
Wintzer's Colossal. 5 ft. Green foliage. Without a doubt the largest flowered Canna yet produced. Flowers of vivid scarlet. Sometimes measure eight inches across.....	.45	4.00
YELLOW FLOWERS WITH GREEN FOLIAGE.		
Apricot. 3½ ft. tall. Green foliage, with lovely heads of apricot. Without a doubt one of the grandest Cannas.....	.45	4.00
Florence Vaughan. 4 ft. Flowers yellow with red spots on petals, and red throat. Green foliage.....	.45	4.00
Gladiator. 5 ft. A fine tall Canna, green foliage, a free bloomer, large flowers with small petals, yellow with small orange specks .....	.45	4.00

SPRING BULBS—Continued

CANNAS, Yellow Flowers with Green Foliage—Continued.	Per 10	Per 100
Golden Gate. 4 ft. Green foliage. he flowers open almost pure gold but soon become richly rayed with orange-crimson and apricot centering to the throat.....	\$ 0.45	\$ 4.00
Richard Wallace. 4 ft. Green foliage, canary-yellow flowers. One of the best yellows.....	.45	4.00
Yellow King Humbert. 5 ft. tall. Deep rich yellow, heavily spotted and flecked with deep red. Green foliage.....	.45	4.00

BRONZE FOLIAGE VARIETIES.

Red King Humbert. 5 ft. tall. The grandest Canna ever offered, a king in reality. The heart-shaped leaves are purple-madder over bronze. The plants are crowned with immense heads of orchid-like, velvety orange-scarlet, rose-tinted and blossom incomparably beautiful .....	.45	4.00
Statue of Liberty. 6 to 7 ft. Blazing flame-red.....	.45	4.00
Wyoming. 5 ft. Purple foliage. True orchid-flowering variety, with magnificent orange-colored flowers.....	.45	4.00

Practically all Cannas are sold for Canna Bed planting. With this in mind we have to offer the following suggested Canna Beds, which you can talk and sell to your customers.

- A—OLD FAVORITE—7-FOOT BED**
1 Statue of Liberty (for center)
6 Red King Humbert (for middle row)
12 Yellow King Humbert (for outside row
—
19

- B—PINK BEAUTIES—7-FOOT BED**
1 Wyoming
6 Apricot
12 Hungaria
—
19

- C—GOLDEN DAWN—7-FOOT BED**
1 Wyoming
6 Yellow King Humbert
12 Richard Wallace
—
19

- D—ALL RED BED—7-FOOT**
1 Statue of Liberty
6 President
12 Red King Humbert
—
19

- E—SWEEPSTAKES—10-FOOT BED**
3 Statue of Liberty
11 Apricot or Wyoming
21 Hungaria
—
35

BULBS
In Cellophane

- | | |
|---------------|-----------|
| Cannas | Gladiolus |
| Dahlias | Lilies |
| Tube Roses | Caladium |
| Maderia Vines | |

Ask for our list offering an attractive Display that sells Bulbs in quantities, Rapid turnover, long selling season, no shrinkage and big net profits.

These high quality Bulbs are packed in especially designed Cellophane Bags —Bags designed to properly preserve the Bulbs for weeks. Each Bag carries a lovely picture in natural colors and complete planting and cultural directions. Quick, profitable sales with complete customer satisfaction assured.

All Bulbs are shipped in a strong, attractive, decorative carton (size 18"x 12") for effective counter display in small space.



SPRING BULBS—Continued

DAHLIAS

Our Dahlias are Shenandoah grown, good, strong healthy tubers with good crowns and plenty of eyes. Our stock has been carefully handled and is guaranteed true to name. We have some 40 or 50 varieties of Dahlias we are not listing. If there are other varieties you are interested in, write us. Perhaps we have them.

CACTUS.	Per 10	Per 100
Brides Bouquet. Lovely pure white, profuse bloomer.....	\$ 1.20	\$10.00
Countess of Lonsdale. Rich salmon with just a suspicion of apricot at base of petals. Profuse bloomer.....	.95	8.00
Kiss Me. Bright red and white, tipped and striped bi-color. Not large, but very profuse bloomer. A leading cut flower variety.	1.20	10.00
Libelle. Beautiful aster purple.....	.95	8.00

DECORATIVES.

Avalon. Beautiful clear yellow and the best of this color for commercial use. Fine form on long stems. Good show Dahlia.	1.20	10.00
Elinor Vanderveer. Satiny rose pink. Enormous flowers on long stems. Tall and stately. Free flowering.....	.95	8.00
Fordhook Marvel. Peach red with salmon orange reflex.....	1.20	10.00
Gertrude Britton. A low growing spectrum red on perfect stem. Must be topped out early for good cut flowers. Highly recommended .....	.95	8.00
Heart of Gold. Flesh ochre, golden center.....	1.20	10.00
Hillcrest Swiss Rose. Color Swiss Rose. Blooms of extremely large dimensions and perfect quality. Bushes are strong. Stems two to three feet long.....	1.20	10.00
His Eminence. Crimson velvet, stiff stems.....	1.20	10.00
Ida Perkins. Beautiful large white, good for cut flower purposes.	1.20	10.00
Jane Cowl. Large, shaggy flower of coppery-yellow. Fine tall grower. Still considered by many as the most beautiful of all Dahlias .....	.95	8.00
Jersey Beauty. This fine pink variety is still the most popular of all. Very profuse bloomer	1.20	10.00
Jersey Mammoth. Bright golden mahogany. Very large.....	1.20	10.00
Kemp's White Wonder. Pure white, large flower and perfect form. A large recent introduction that is a beauty for the garden....	1.20	10.00
LaTorreador. Vivid dashing red, profuse bloomer. Medium size, flat flower. Strong stem of medium length. One of the leading commercial red varieties .....	.95	8.00
Margaret W. Wilson. Opalescent pink. Huge flowers of exhibition type .....	.95	8.00
Monmouth Champion. A very large orange-scarlet and profuse bloomer on long, stiff stems. A beautiful easily grown plant that seems immune to all insect troubles. Exhibition type....	1.80	15.00
Mrs. George Skeen. Shrimp pink. Very large.....	1.40	12.00
Mrs. I. de Ver Warner. Orchid pink with very large flower. Well known and very popular.....	.95	8.00
Nanquaket. Amaranth-pink. Large and one of the best known..	1.80	15.00
Nathan Hale. Charming combination of bronze, golden, and buff. Unusual and demands attention	1.20	10.00
Omar Khayyam. Chinese red at base of petals which shades to orange at the tip. Fine, tall grower, free from insect attack. Large flower, excellent for cutting	1.40	12.00
Polar Bear. Pure white, large flower.....	1.20	10.00
Pride of Stratford. Orange shading to orange-yellow at base of petals. An exhibition variety, very attractive. A good cut flower	1.20	10.00
Rose Glory. Large rose pink, extremely free blooming. Popular.	.95	8.00
Sanhicans Queen. Large, apricot and carmine rose.....	1.80	15.00
Venus. Cream white, tinted lavender. Good in combination work.	1.20	10.00
White King. The leading pure white with commercial growers. The flowers are of perfect form and the right size for cut flower use. Full centered .....	.95	8.00
Decorative Mixed .....	.60	5.00

POM POM.

Amber Queen. Beautiful shade of rich amber.....	.80	7.00
Catherine. Clear yellow. Early and very free blooming.....	.80	7.00
Rothout. Deep scarlet	1.20	10.00

SPRING BULBS—Continued
DAHLIAS—Continued

SHOW DAHLIAS.

	Per 10	Per 100
Bonnie Blue. Bluish shading to lavender. Lovely coloring.....	\$ 0.80	\$ 7.00
Bronze Beauty. Orange to bronze yellow, long stem and upright. Outstanding .....	.80	7.00
Elsie Burgess. An old time favorite. White base with lavender tips. Profuse bloomer and splendid keeper.....	.95	8.00
M. D. Hallock. Bright yellow tipped bronze.....	.80	7.00
Robert Broomfield. Pure white. Effective in combinations.....	.95	8.00
Stradella. Purple. Large flower .....	.80	7.00

COLLARETTE DAHLIAS.

Coltness Hybrids. Open centered flowers with only one row or row of florets with the addition of one or more rows of petaloids, usually of a different color, forming a collar around the disc...	.60	5.00
Coltness Hybrids. Scarlet .....	.70	6.00
“ “ White .....	.70	6.00
“ “ Yellow .....	.70	6.00

GLADIOLUS

A wide selection of the better varieties, at attractive prices. All northern grown, treated, carefully handled, liberally graded, and guaranteed true to name.

We can quote attractive prices on a wide selection of gladiolus in smaller grades. Send us your want list for lowest prices.

Prices quoted are “per 100.” On orders for 300, or more, of the same variety, deduct 10%. If you are in the market for a quantity of Bulbs, please send us your Want List.

RED AND SCARLET SHADES.

	Price per 100 bulbs	
	No. 1 1½" up	No. 2 1¼-1½"
Commander Koehl. Large, clear, blood red. Best red for exhibition or cut flowers.....	\$ 1.75	\$ 1.50
Crimson Glow. Glowing Crimson.....	1.00	.80
Dr. Bennett. Fiery Scarlet, throat lined white. Standard commercial scarlet	1.50	1.25
Flaming Sword. Deep Red, and early.....	1.00	.80
Pfizers Triumph. Extra large salmon orange with velvet red blotch. One of the finest.....	1.50	1.25
Red Phipps. Unusual shade of light red. Favorite commercial cut flower	1.75	1.40

PINK AND ROSE SHADES.

Bagdad. Immense blooms of smoky old gold.....	1.60	1.30
Debonair. La France Pink, creamy blotch. Excellent cut flower	1.60	1.30
Giant Nymph. Tall straight Rose pink spikes. Excellent commercial sort	1.25	1.00
Margaret Fulton. Distinctive, rich, dark Salmon.....	1.50	1.25
Mrs. W. H. Phipps. Glowing pink to rose salmon. Many flowers open. Known as “The Wonder Glad”.....	1.50	1.25
Picardy. Delicate flesh pink.....	1.00	.80
Pride of Wanakah. Large, tall, deep Rose.....	1.25	1.00
Queen Helen. Light Rose with cream blotch.....	1.25	1.00

ORANGE AND YELLOW SHADES.

Betty Nuthall. Orange pink. Late bloomer. Much talked of and very desirable	1.00	.80
Gold Eagle. The best early yellow.....	1.25	1.10
Golden Dream. Deep golden yellow.....	1.00	.80
Orange Queen. An early bloomer, good grower, copper orange in color	1.00	.80

SPRING BULBS—Continued

GLADIOLUS—Continued

Price per 100 bulbs
No. 1 No. 2
1½" up 1¼"-1½"

LAVENDER, VIOLET AND BLUE SHADES.

Aida. Large, striking dark blue with two small red lilac blotches. Free blooming cut flower.....	\$ 1.60	\$ 1.30
Berty Snow. One of the best commercial lavenders. Has good substance	1.00	.80
Dr. Moody. Large, rich deep lavender. Darker shaded throat. Many open	1.60	1.30
King Arthur. Exhibition blooms of deep rose-lavender, heavily ruffled. Outstanding in any planting.....	1.60	1.30
Marmora. Giant spikes of greyish lavender.....	1.50	1.25
Minuet. Best clear lavender for any purpose.....	1.60	1.30
Queen of Bremen. Attractive light lavender rose.....	1.35	1.15

WHITE SHADES.

Albania. Very fine pure white.....	1.25	1.00
Albatross. Best pure white cut flower.....	1.50	1.25
Carmen Sylvia. Pure snow white throat, penciled lilac.....	1.00	.80

MIXED GLADIOLUS. An unusually fine assortment of good varieties,
in the full range of Gladiolus shades. We guarantee a proper
proportion of all shades listed above.....

.85 .70

MISCELLANEOUS SPRING BULBS

	Per 10	Per 100	Per 1000
CALADIUM.			
Esculentum, 7 to 9 inches.....	\$0.45	\$4.00	\$35.00
6 to 7 inches.....	.35	3.00	27.00
Fancy Leaved (RG). These colorful plants have grown very popular the last few years. The leaves are spotted and veined with brilliant markings. Sometimes called Picture-Leaved Caladiums. Mixed. 1½ to 3 inches.....	1.40	12.00	.....
CALLA LILY.			
Elliottiana. Yellow, 2 to 2½ inches.....	1.20	10.00	.....
CINNAMON VINE (Chinese Sweet Potato).			
Tuberous rooted plant producing multitudes of waxy, heart-shaped leaves. Excellent for trellis work.....	.70	6.00	.....
MADERIA VINE.			
A tuberous bulb producing a multitude of viny growth, a very prolific grower .....	.35	3.00	25.00
TUBEROSES (RG).			
Mexican. This is the best of all Tuberoses. Single flow- ering variety, very fragrant. Blooms July-August. No. 1 size.....	.28	2.40	20.00
TIGRIDIA.			
Aztec Lily. Shell flower of Mexico. Everblooming. Han- dle like Gladioli.			
Orange, ¾ to 1 inch .....	.70	6.00	.....
Pink, ¾ to 1 inch.....	.70	6.00	.....
Red, ¾ to 1 inch.....	.70	6.00	.....
White, ¾ to 1 inch.....	.70	6.00	.....
Yellow, ¾ to 1 inch.....	.70	6.00	.....
Mixed, ¾ to 1 inch.....	.60	5.00	.....

Terms and Conditions of Sale

TERMS—2% Discount if paid by the first of the second month following date of invoice, and is due Net thereafter. Additional 1% Discount if paid within 10 days from date of invoice.

These terms are offered to those with established credit; otherwise cash, security, or satisfactory references. C. O. D. orders must be accompanied by one-fourth cash.

PRICES named in this list are based upon present market conditions and are subject to change without notice. These are Wholesale Prices and apply upon the following quantities:

**FRUIT TREES, SHADE TREES, SHRUBS, ROSES, VINES, PERENNIALS
(INCLUDING PEONIES AND LILIES):**

300 or more at 1,000 rate (where published)
30 to 300 at 100 rate
Under 30 at 10 rate

All grades and varieties in any one class allowed to make total. For example: All Fruit Trees are considered one class, all shrubs one class, etc.

SMALL FRUITS, HEDGING, PRIVET, AND ALL SEEDLINGS:

300 of same variety and grade at 1,000 rates
Under 300 of same variety and grade at 100 rates

EVERGREENS, B & B:

30 trees (any assortment) at 100 rate
5 trees (any assortment) at 10 rate

FALL AND SPRING BULBS

300 or more bulbs (not less than 50 of any one variety) at 1,000 rate
Under 300 bulbs at 100 rates

Note:—Classifications as given above are understood to be as listed under general headings in price list. (Broken lots of less than 10 of any one variety and grade will be billed at 15% above 10 rate.)

ALL PRICES ARE NET, BOXING AND BALING EXTRA; NO CHARGE FOR PACKING BULK CARS.

SHIPPING—Please give shipping instructions whether by freight or express and route. If no instructions are given we will forward to the best of our judgment, without assuming responsibility. All goods travel at the purchasers risk and expense.

TRUCK SERVICE—We are able to offer truck service within a radius of 300 to 500 miles from Shenandoah. Charges average about the same as railroad rates with delivery at your door. If interested write for further information.

CAUTION—We accept all orders subject to crop conditions and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control.

GUARANTEE OF GENUINENESS—If any nursery stock proves untrue to description or variety name under which it is sold, we hold ourselves in readiness, on proper proof, to replace such nursery stock that may prove untrue to description or name, or refund the original amount paid. We shall in no case be liable for any sum greater than the amount originally received for said nursery stock.

CLAIMS for any cause must be made promptly on receipt of stock. We will not entertain claims after goods have been once accepted, or when report is not made within Ten Days after arrival of stock. We express or imply no warranty as to productiveness or life of the nursery stock we sell and will not be in any way responsible for the results secured in transplanting.

SPECIAL NOTICE—Correspondents are requested to use their printed business letter-heads. We do not quote prices to retail buyers. We use every effort to limit the distribution of trade prices to those whom we know to be entitled to receive them.

APRIL 13, 1940

MOUNT ARBOR NURSERIES

E. S. WELCH, Pres.

H. S. WELCH, Vice-Pres.

R. M. GWYNN, Secy.-Treas.

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Azalea	19	H			
B					
Barberry	19, 32	Hackberry	9, 12	Quince	6
Beauty Bush	25	Hamamelis	24	R	
Bignonia	33	Hedging	32	Raspberries	7
Birch	11	Hedra	34	Red Bud	16
Bittersweet	33	Highbush Cranberry	32	Red Cedar	37, 39
Blackberries	7	Honeysuckle	24, 25, 32	Rhodotypos	29
Bleeding Heart	50, 56	Honeysuckle Vines	34	Rhubarb	8
Boston Ivy	33	Horseradish	8	Rhus	29
Box Elder	9	Hydrangea	25	Ribes	29
Boysenberry	7	Hypericum	25	Rose Acacia	29
Buckthorn	9, 20	I			
Buddleia	20, 21, 49, 54	Ilex	25	Roses, Baby	43
Buffaloberry	21	Iris	57, 58, 59	" Climbing	45, 46
Bulbs, Spring	66-70	J			
Bulbs, Spring, Miscel.	70	Japanese Flowering		" H. P.	43
Butterfly Bush	20, 21, 49, 54	Cherry	11	" Misc.	43, 44, 45
C					
Calicarpa	21	Juneberries	18	" Moss	43
Caladium	70	Junipers	35, 36, 37, 39	" Patented	47
Calycanthus	21	K			
Cannas	66, 67	Kerria	25	" Rugosa	43, 44, 45
Caragana	9, 21	Kolkwitzia	25	" Hybrid Tea	41, 42, 43
Catalpa	9, 11	Kudzu Vine	34	Russian Olive	10, 16, 23
Celastrus	33	L			
Cephalanthus	21	Larch	39	S	
Cherries	3-4	Lespedeza	25	Salix	10, 17
Cherry Seedlings	8	Lilac	26, 27	Sedum	66
Chysanthemum	49, 50, 54, 55	Lilium	60	Shrubs	18-32
Clematis	33, 34	Linden	13	Small Fruits	6, 7
Clethra	21	Locust, Black	13	Snowball	32
Cloverset Pots	47	Locust, Honey	9, 12, 13	Snowberry	30, 31
Coffeetree	11	M			
Columbine	48, 53	Maderia Vine	70	Sorbaria	29
Cornus	21, 22	Maple	9, 13, 14	Spirea	29-30-32
Corylus	22	Matrimony Vine	33	Spruce	38, 39
Cotoneaster	22	Mountain Ash	14	Strawberries	7
Crab, Flowering	11	Mulberries	6, 10	Sumac	29
Crataegus	16, 17	N			
Currants	7	Nectarines	6	Sweet William	55, 56
Cydonia	22	Ninebark	28	Sycamore	16
D					
Dahlias	68, 69	O			
Daisy, Shasta	55	Oak	14	Symphoricarpos	30, 31
Deciduous Trees	10-17	P			
Deciduous Tree Seedlings	8, 9, 10	Peach	5, 6	Syringa (Mock Orange)	27, 28
Delphinium	50, 55	Peach Seedlings	8	T	
Desmodium	25	Pear	5	Tamarix	31
Deutzia	22, 23	Pear Seedlings	8	Taxus	38
Dewberries	7	Peonies	47	Thorn	16, 17
Dogwood	21, 22	Perennials	48-66	Thuja	35
E					
Eleagnus	23	Phellodendron	14	Trumpet Vine	33
Elder	23	Philadelphus	27, 28	Tuberoses	70
Elm Seedlings	9	Q			
Elm Trees	12	Quince	6	Tulip Tree	17
Euonymus	23, 34	R			
Evergreens	35-40	Raspberries	7	V	
Exochorda	24	Red Bud	16	Viburnum	31, 32
F					
Ferns	56	Red Cedar	37, 39	Vines	33, 34
Fir	35, 39	Rhodotypos	29	Vitex	32
Flowering Cherry	11	Rhubarb	8	W	
" Crab	11	Rhus	29	Walnut	10, 17
" Peach	15	Ribes	29	Weigela	32
" Plum	15, 16	Rose Acacia	29	Willow	10, 17
" Quince	22	Roses, Baby	43	Wisteria	34
Forsythia	24	" Climbing	45, 46	Witch Hazel	24
Fringe	21	" H. P.	43	Y	
Fruit Tree Stocks	8	" Misc.	43, 44, 45	Youngberry	7
G					
Gaillardia	50, 56	" Moss	43	Yucca	66
Gladiolus	69, 70	" Patented	47		
Gooseberries	7	" Rugosa	43, 44, 45		
Grape Vines	6	" Hybrid Tea	41, 42, 43		
H					
Hackberry	9, 12				
Hamamelis	24				
Hedging	32				
Hedra	34				
Highbush Cranberry	32				
Honeysuckle	24, 25, 32				
Honeysuckle Vines	34				
Horseradish	8				
Hydrangea	25				
Hypericum	25				
I					
Ilex	25				
Iris	57, 58, 59				
J					
Japanese Flowering					
Cherry	11				
Juneberries	18				
Junipers	35, 36, 37, 39				
K					
Kerria	25				
Kolkwitzia	25				
Kudzu Vine	34				
L					
Larch	39				
Lespedeza	25				
Lilac	26, 27				
Lilium	60				
Linden	13				
Locust, Black	13				
Locust, Honey	9, 12, 13				
M					
Maderia Vine	70				
Maple	9, 13, 14				
Matrimony Vine	33				
Mountain Ash	14				
Mulberries	6, 10				
N					
Nectarines	6				
Ninebark	28				
O					
Oak	14				
P					
Peach	5, 6				
Peach Seedlings	8				
Pear	5				
Pear Seedlings	8				
Peonies	47				
Perennials	48-66				
Phellodendron	14				
Philadelphus	27, 28				
Q					
Quince	6				
R					
Raspberries	7				
Red Bud	16				
Red Cedar	37, 39				
Rhodotypos	29				
Rhubarb	8				
Rhus	29				
Ribes	29				
Rose Acacia	29				
Roses, Baby	43				
" Climbing	45, 46				
" H. P.	43				
" Misc.	43, 44, 45				
" Moss	43				
" Patented	47				
" Rugosa	43, 44, 45				
" Hybrid Tea	41, 42, 43				
Russian Olive	10, 16, 23				
S					
Salix	10, 17				
Sedum	66				
Shrubs	18-32				
Small Fruits	6, 7				
Snowball	32				
Snowberry	30, 31				
Sorbaria	29				
Spirea	29-30-32				
Spruce	38, 39				
Strawberries	7				
Sumac	29				
Sweet William	55, 56				
Sycamore	16				
Symphoricarpos	30, 31				
Syringa (Mock Orange)	27, 28				
T					
Tamarix	31				
Taxus	38				
Thorn	16, 17				
Thuja	35				
Trumpet Vine	33				
Tuberoses	70				
Tulip Tree	17				
V					
Viburnum	31, 32				
Vines	33, 34				
Vitex	32				
W					
Walnut	10, 17				
Weigela	32				
Willow	10, 17				
Wisteria	34				
Witch Hazel	24				
Y					
Youngberry	7				
Yucca	66				

We have complete line of supplies needed around the average nursery.